

^S
388.31
H3ma

1952-expanded-May

MONTANA

EXPANDED LOADOMETER SURVEY

MAY 1952

*

*

STATE OF MONTANA
STATE HIGHWAY COMMISSION
HIGHWAY PLANNING SURVEY

In cooperation with
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

March, 1953

Montana Highway Survey
March 1953
Bozeman, Montana 59717

Montana State Library



3 0864 1006 4249 8

WC-1

State Montana Sta. No. 1 Butte
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs., May 1		Wed., April 30		Fri., May 2		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	24	185	26	167	8	25	377
Other 2-axle, 4-tired	5	9	3	4			13
Other 2-axle, 6-tired	53	90	28	58	2	8	156
3-axle	3	5	2	4	1	1	10
Subtotal	85	289	59	233	11	34	556
Tr-Tk semi-trailers							
3-axle	7	23	9	12	4	4	39
4-axle	7	9	6	15	2	2	26
5-axle or more	19	19	16	21	9	9	49
Subtotal	33	51	31	48	15	15	114
Tk-Trailer combinations							
4-axle or less							
5-axle	4	4	6	8	3	3	15
6-axle or more	7	8	3	3	4	4	15
Subtotal	11	12	9	11	7	7	30
All combinations	44	63	40	59	22	22	144
All trucks and combs.	129	352 ²²⁴	99	292 ¹⁴⁵	33	56 ¹³⁴	700 ¹⁷⁶
Passenger cars	xxx	1179	xxx	1700	xxx	348	3227
Busses	xxx	25	xxx	20	xxx	14	59
All vehicle types	xxx	1556	xxx	2012	xxx	418	3986



Digitized by the Internet Archive
in 2013

<http://archive.org/details/montanaexpandedl38mont>

State Montana Sta. No. 1 - Butte
 Year 1952 Direction Combined
 Season May 8-hr. period 6 a.m. - 2 p.m.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	48							48	370
Other 2-axle, 4-tired	10							10	18
Other 2-axle, 6-tired	101	3	2					106	180
3-axle	7	2						9	15
Subtotal	166	5	2					173	583
Tr-Tk semi-trailers									
3-axle	16	4		1				21	69
4-axle	21	2	4	1				28	36
5-axle or more	73	21	1					95	95
Subtotal	110	27	5	2				144	200
Tk-Trailer combinations									
4-axle or less									
5-axle	12	3	5					20	20
6-axle or more	41	1						42	48
Subtotal	53	4	5					62	68
All combinations	163	31	10	2				206	268
All trucks and combs.	329	36	12	2				379	851

State Montana Sta. No. 1 - Butte
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm-10pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	52							52	334
Other 2-axle, 4-tired	6							6	8
Other 2-axle, 6-tired	55	1						56	116
3-axle	5	1						6	12
Subtotal	118	2						120	470
Tr-Tk semi-trailers									
3-axle	24	1	1	1				27	36
4-axle	20	3	1					24	60
5-axle or more	74	2	4					80	105
Subtotal	118	6	6	1				131	201
Tk-Trailer combinations									
4-axle or less									
5-axle	15	7	8					30	40
6-axle or more	16	1	1					18	18
Subtotal	31	8	9					48	58
All combinations	149	14	15	1				179	259
All trucks and combs.	267	16	15	1				299	729

WC-2

State Montana Sta. No. 1-Butte
 Year 1952 Direction Combined
 Season May 8-hr. period 10 pm-6 am

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	16							16	50
Other 2-axle, 4-tired									
Other 2-axle, 6-tired	4							4	16
3-axle	3							3	3
Subtotal	23							23	69
Tr-Tk semi-trailers									
3-axle	12							12	12
4-axle	7	1						8	8
5-axle or more	38	5	2					45	45
Subtotal	57	6	2					65	65
Tk-Trailer combinations									
4-axle or less									
5-axle	11	1	3					15	15
6-axle or more	22	2						24	24
Subtotal	33	3	3					39	39
All combinations	90	9	5					104	104
All trucks and combs.	113	9	5					127	173

State Montana Sta. No. 1 - Butte
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-6 am
 24 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	116							116	754
Other 2-axle, 4-tired	16							16	26
Other 2-axle, 6-tired	160	4	2					166	312
3-axle	15	3						18	30
Subtotal	307	7	2					316	1122
Tr-Tk semi-trailers									
3-axle	52	5	1	2				60	117
4-axle	48	6	5	1				60	104
5-axle or more	185	28	7					220	245
Subtotal	285	39	13	3				340	466
Tk-Trailer combinations									
4-axle or less									
5-axle	38	11	16					65	75
6-axle or more	79	4	1					84	90
Subtotal	117	15	17					149	165
All combinations	402	54	30	3				489	631
All trucks and combs.	709	61	32	3				805	1753

WC-3

1

State Montana Sta. No. Butte
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	24									24	185
Other 2-axle, 4-tired	5									5	9
Other 2-axle, 6-tired	48	5								53	90
3-axle	1	1		1						3	5
Subtotal	78	6		1						85	289
Tr-Tk semi-trailers											
3-axle		2	1	4						7	23
4-axle	1		1	2	1	1	1			7	9
5-axle or more			1	1	5	5	7			19	19
Subtotal	1	2	3	7	6	6	8			33	51
Tk-Trailer combinations											
4-axle or less											
5-axle				2				2		4	4
6-axle or more						2	4	1		7	8
Subtotal				2		2	4	3		11	12
All combinations	1	2	3	9	6	8	12	3		44	63
All trucks and combs.	79	8	3	10	6	8	12	3		129	352

WC-3

1

State Montana Sta. No. Butte
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	26									26	167
Other 2-axle, 4-tired	3									3	4
Other 2-axle, 6-tired	28									28	58
3-axle	1		1							2	4
Subtotal	58		1							59	233
Tr-Tk semi-trailers											
3-axle	5	1	1	2						9	12
4-axle	1	1	1	1	2					6	15
5-axle or more			3	2	2	6	3			16	21
Subtotal	6	2	5	5	4	6	3			31	48
Tk-Trailer combinations											
4-axle or less											
5-axle				2				4		6	8
6-axle or more					1		2			3	3
Subtotal				2	1		2	4		9	11
All combinations	6	2	5	7	5	6	5	4		40	59
All trucks and combs.	64	2	6	7	5	6	5	4		99	292

WC-3

1

State Montana Sta. No. Butte
 Year 1952 Direction Combined
 Season May 8-hr. period 10PM-6AM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	8									8	25
Other 2-axle, 4-tired											
Other 2-axle, 6-tired	2									2	8
3-axle	1									1	1
Subtotal	11									11	34
Tr-Tk semi-trailers											
3-axle	2	1	1							4	4
4-axle			1		1					2	2
5-axle or more				4		2	2	1		9	9
Subtotal	2	1	2	4	1	2	2	1		15	15
Tk-Trailer combinations											
4-axle or less											
5-axle				2				1		3	3
6-axle or more				1		1	1	1		4	4
Subtotal				3		1	1	2		7	7
All combinations	2	1	2	7	1	3	3	3		22	22
All trucks and combs.	13	1	2	7	1	3	3	3		33	56

WC-3

1

State Montana Sta. No. Butte
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-6AM
 24 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	58									58	377
Other 2-axle, 4-tired	8									8	13
Other 2-axle, 6-tired	78	5								83	156
3-axle	3	1	1	1						6	10
Subtotal	147	6	1	1						155	556
Tr-Tk semi-trailers											
3-axle	7	4	3	6						20	39
4-axle	2	1	3	3	4	1	1			15	26
5-axle or more			4	7	7	13	12	1		44	49
Subtotal	9	5	10	16	11	14	13	1		79	114
Tk-Trailer combinations											
4-axle or less											
5-axle				6				7		13	15
6-axle or more				1	1	3	7	2		14	15
Subtotal				7	1	3	7	9		27	30
All combinations	9	5	10	23	12	17	20	10		106	144
All trucks and combs.	156	11	11	24	12	17	20	10		261	700

WC-4

State Montana Sta. No. Butte
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	185	20.83	39	5520	79.17	146	3400
Other 2-axle, 4-tired	9	60.00	5	8333	40.00	4	5500
Other 2-axle, 6-tired	90	67.92	61	14669	32.08	29	8529
3-axle	5	100.00	5	26867	0.00		
Subtotal	289	38.06	110	11692	61.94	179	4278
Tr-Tk semi-trailers							
3-axle	23	100.00	23	30157	0.00		
4-axle	9	71.43	6	46860	28.57	3	23200
5-axle or more	19	84.21	16	56281	15.79	3	44133
Subtotal	51	88.24	45	41673	11.76	6	33667
Tk-Trailer combinations							
4-axle or less							
5-axle	4	50.00	2	75650	50.00	2	31750
6-axle or more	8	85.71	7	65000	14.29	1	50500
Subtotal	12	75.00	9	67367	25.00	3	38000
All combinations	63	85.71	54	45955	14.29	9	35111
All trucks and combs.	352	46.59	164	22974	53.41	188	5754

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	167	19.23	32	3600	80.77	135	3405
Other 2-axle, 4-tired	4	33.33	1	6900	66.67	3	5100
Other 2-axle, 6-tired	58	67.86	39	12947	32.14	19	6889
3-axle	4	100.00	4	22750	0.00		
Subtotal	233	32.62	76	9448	67.38	157	3859
Tr-Tk semi-trailers							
3-axle	12	44.44	5	31125	55.56	7	17120
4-axle	15	66.67	10	38000	33.33	5	22200
5-axle or more	21	68.75	14	54455	31.25	7	34160
Subtotal	48	60.42	29	44758	39.58	19	24735
Tk-Trailer combinations							
4-axle or less							
5-axle	8	83.33	7	64200	16.67	1	30100
6-axle or more	3	100.00	3	56833	0.00		
Subtotal	11	90.91	10	61990	9.09	1	30100
All combinations	59	66.10	39	49176	33.90	20	25003
All trucks and combs.	292	39.38	115	22921	60.62	177	6248

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight.
Single-unit trucks							
Panels and pick-ups	25	12.50	3	4400	87.50	22	3357
Other 2-axle, 4-tired							
Other 2-axle, 6-tired	8	100.00	8	7800	0.00		
3-axle	1	100.00	1	16800	0.00		
Subtotal	34	35.29	12	7700	64.71	22	3357
Tr-Tk semi-trailers							
3-axle	4	50.00	2	26250	50.00	2	16400
4-axle	2	50.00	1	48200	50.00	1	29200
5-axle or more	9	66.67	6	57717	33.33	3	34167
Subtotal	15	60.00	9	49667	40.00	6	27417
Tk-Trailer combinations							
4-axle or less							
5-axle	3	33.33	1	74400	66.67	2	32500
6-axle or more	4	75.00	3	61367	25.00	1	33200
Subtotal	7	57.14	4	64625	42.86	3	32733
All combinations	22	59.09	13	54269	40.91	9	29189
All trucks and combs.	56	44.64	25	31916	55.36	31	10857

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Mon., May 5		Tues., May 6		Tues., May 13		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	27	104	21	70		1	175
Other 2-axle, 4-tired	6	6	3	4			10
Other 2-axle, 6-tired	57	79	39	64		5	148
3-axle	3	7	2	2		1	10
Subtotal	93	196	65	140		7	343
Tr-Tk semi-trailers							
3-axle	3	5	10	11		8	24
4-axle	10	11	8	8		5	24
5-axle or more	6	9	4	5		1	15
Subtotal	19	25	22	24		14	63
Tk-Trailer combinations							
4-axle or less	15	15	2	3		6	24
5-axle	3	3	6	6		6	15
6-axle or more							
Subtotal	18	18	8	9		12	39
All combinations	37	43	30	33		26	102
All trucks and combs.	130	239	95	173		33	445
Passenger cars	xxx	453	xxx	515	xxx	100	1068
Busses	xxx	6	xxx	7	xxx	1	14
All vehicle types	xxx	698	xxx	695	xxx	134	1527

State Montana Sta. No. 2 - Rockvale
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-2 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	54							54	208
Other 2-axle, 4-tired	12							12	12
Other 2-axle, 6-tired	113			1				114	158
3-axle	7	1	1					9	21
Subtotal	186	1	1	1				189	399
Tr-Tk semi-trailers									
3-axle	5	4						9	15
4-axle	34	2	4					40	44
5-axle or more	28	2						30	45
Subtotal	67	8	4					79	104
Tk-Trailer combinations									
4-axle or less	45	2			1			48	48
5-axle	7	5	3					15	15
6-axle or more									
Subtotal	52	7	3		1			63	63
All combinations	119	15	7		1			142	167
All trucks and combs.	305	16	8	1	1			331	566

State Montana Sta. No. 2-Rockvale
 Year 1952 Direction Combined
 Season May 8-hr. period 2pm-10pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	42							42	140
Other 2-axle, 4-tired	6							6	8
Other 2-axle, 6-tired	78							78	128
3-axle	6							6	6
Subtotal	132							132	282
Tr-Tk semi-trailers									
3-axle	23	3	4					30	33
4-axle	16	11	4	1				32	32
5-axle or more	10	5	1	2	1	1		20	25
Subtotal	49	19	9	3	1	1		82	90
Tk-Trailer combinations									
4-axle or less	8							8	12
5-axle	11	9	10					30	30
6-axle or more									
Subtotal	19	9	10					38	42
All combinations	68	28	19	3	1	1		120	132
All trucks and combs.	200	28	19	3	1	1		252	414

State Montana Sta. No. 2-Rockvale
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-10 pm
 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	96							96	348
Other 2-axle, 4-tired	18							18	20
Other 2-axle, 6-tired	191			1				192	286
3-axle	13	1	1					15	27
Subtotal	318	1	1	1				321	681
Tr-Tk semi-trailers									
3-axle	28	7	4					39	48
4-axle	50	13	8	1				72	76
5-axle or more	38	7	1	2	1	1		50	70
Subtotal	116	27	13	3	1	1		161	194
Tk-Trailer combinations									
4-axle or less	53	2			1			56	60
5-axle	18	14	13					45	45
6-axle or more									
Subtotal	71	16	13		1			101	105
All combinations	187	43	26	3	2	1		262	299
All trucks and combs.	505	44	27	4	2	1		583	980

WC-3

State Montana Sta. No. Rockvale
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	27									27	104
Other 2-axle, 4-tired	6									6	6
Other 2-axle, 6-tired	56	1								57	79
3-axle			1	1	1					3	7
Subtotal	89	1	1	1	1					93	196
Tr-Tk semi-trailers											
3-axle		1		2						3	5
4-axle		3	2	2	1	2				10	11
5-axle or more		1		2	2		1			6	9
Subtotal		5	2	6	3	2	1			19	25
Tk-Trailer combinations											
4-axle or less	9	5					1			15	15
5-axle				1			1	1		3	3
6-axle or more											
Subtotal	9	5		1			2	1		18	18
All combinations	9	10	2	7	3	2	3	1		37	43
All trucks and combs.	98	11	3	8	4	2	3	1		130	239

WC-3

State Montana Sta. No. Rockvale
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	21									21	70
Other 2-axle, 4-tired	3									3	4
Other 2-axle, 6-tired	39									39	64
3-axle	1			1						2	2
Subtotal	64			1						65	140
Tr-Tk semi-trailers											
3-axle	3	2		2	2			1		10	11
4-axle				2	1	5				8	8
5-axle or more				1		1		1	1	4	5
Subtotal	3	2		5	3	6		2	1	22	24
Tk-Trailer combinations											
4-axle or less	1	1								2	3
5-axle			1					5		6	6
6-axle or more											
Subtotal	1	1	1					5		8	9
All combinations	4	3	1	5	3	6		7	1	30	33
All trucks and combs.	68	3	1	6	3	6		7	1	95	173

WC-3

2

State Montana Sta. No. Rockvale
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-10PM
 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	48									48	174
Other 2-axle, 4-tired	9									9	10
Other 2-axle, 6-tired	95	1								96	143
3-axle	1		1	2	1					5	9
Subtotal	153	1	1	2	1					158	336
Tr-Tk semi-trailers											
3-axle	3	3		4	2			1		13	16
4-axle		3	2	4	2	7				18	19
5-axle or more		1		3	2	1	1	1	1	10	14
Subtotal	3	7	2	11	6	8	1	2	1	41	49
Tk-Trailer combinations											
4-axle or less	10	6					1			17	18
5-axle			1	1			1	6		9	9
6-axle or more											
Subtotal	10	6	1	1			2	6		26	27
All combinations	13	13	3	12	6	8	3	8	1	67	76
All trucks and combs.	166	14	4	14	7	8	3	8	1	225	412

VC-4

State Montana Sta. No. Rockvale
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	104	40.74	42	5400	59.26	62	3806
Other 2-axle, 4-tired	6	33.33	2	4500	66.67	4	4100
Other 2-axle, 6-tired	79	68.42	54	12941	31.58	25	7111
3-axle	7	100.00	7	33800	0.00		
Subtotal	196	53.57	105	11154	46.43	91	4727
Tr-Tk semi-trailers							
3-axle	5	100.00	5	30900	0.00		
4-axle	11	50.00	6	43560	50.00	5	25460
5-axle or more	9	66.67	6	48275	33.33	3	28200
Subtotal	25	68.00	17	41501	32.00	8	26487
Tk-Trailer combinations							
4-axle or less	15	100.00	15	20767	0.00		
5-axle	3	66.67	2	72450	33.33	1	30900
6-axle or more							
Subtotal	18	94.44	17	26847	5.56	1	30900
All combinations	43	79.07	34	34174	20.93	9	26977
All trucks and combs.	239	58.16	139	16785	41.84	100	6730

State Montana Sta. No. Rockvale
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	70	19.05	13	4950	80.95	57	3935
Other 2-axle, 4-tired	4	33.33	1	4100	66.67	3	4150
Other 2-axle, 6-tired	64	51.28	33	9975	48.72	31	7826
3-axle	2	50.00	1	30400	50.00	1	14600
Subtotal	140	34.29	48	8917	65.71	92	5369
Trk semi-trailers							
3-axle	11	60.00	7	33367	40.00	4	29900
4-axle	8	87.50	7	49729	12.50	1	35900
5-axle or more	5	75.00	4	74067	25.00	1	33600
Subtotal	24	75.00	18	48774	25.00	6	31517
Trk-Trailer combinations							
4-axle or less	3	0.00			100.00	3	19950
5-axle	6	83.33	5	71820	16.67	1	26200
6-axle or more							
Subtotal	9	55.56	5	71820	44.44	4	21513
Trk combinations	33	69.70	23	53784	30.30	10	27515
Trk trucks and combs.	173	41.04	71	23451	58.96	102	7540

WC-1

State Montana Sta. No. 3 Laurel
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs., May 8		Wed., May 7		Mon., May 12		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	27	108	30	101		12	221
Other 2-axle, 4-tired	1	4	4	4			8
Other 2-axle, 6-tired	34	60	26	33		4	97
3-axle			2	2		2	4
Subtotal	62	172	62	140		18	330
Tr-Tk semi-trailers							
3-axle	17	22	10	11		3	36
4-axle	12	16	9	10		1	27
5-axle or more	6	7	20	21		14	42
Subtotal	35	45	39	42		18	105
Tk-Trailer combinations							
4-axle or less	1	1	3	4		4	9
5-axle	12	14	11	20		26	60
6-axle or more	4	4	5	6		4	14
Subtotal	17	19	19	30		34	83
All combinations	52	64	58	72		52	188
All trucks and combs.	114	236	120	212		70	518
Passenger cars	xxx	598	xxx	714	xxx	228	1540
Busses	xxx	6	xxx	5	xxx	3	14
All vehicle types	xxx	840	xxx	931	xxx	301	2072

WC-2

State Montana Sta. No. 3-Laurel
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-2 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	54							54	216
Other 2-axle, 4-tired	2							2	8
Other 2-axle, 6-tired	67	1						68	120
3-axle									
Subtotal	123	1						124	344
Tr-Tk semi-trailers									
3-axle	49	1	1					51	66
4-axle	35	6	5	2				48	64
5-axle or more	26	2	2					30	35
Subtotal	110	9	8	2				129	165
Tk-Trailer combinations									
4-axle or less	3							3	3
5-axle	34	12	14					60	70
6-axle or more	22	2						24	24
Subtotal	59	14	14					87	97
All combinations	169	23	22	2				216	262
All trucks and combs.	292	24	22	2				340	606

WC-2

State Montana Sta. No. 3-Laurel
 Year 1952 Direction Combined
 Season May 8-hr. period 2pm-10 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	60							60	202
Other 2-axle, 4-tired	8							8	8
Other 2-axle, 6-tired	52							52	66
3-axle	6							6	6
Subtotal	126							126	282
Tr-Tk semi-trailers									
3-axle	25	4	1					30	33
4-axle	24	4	7	1				36	40
5-axle or more	84	13	3					100	105
Subtotal	133	21	11	1				166	178
Tk-Trailer combinations									
4-axle or less	8	1	2	1				12	16
5-axle	19	19	15	2				55	100
6-axle or more	24	3	3					30	36
Subtotal	51	23	20	3				97	152
All combinations	184	44	31	4				263	330
All trucks and combs.	310	44	31	4				389	612

WC-2

State Montana Sta. No. 3-Laurel
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-10 pm
 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	114							114	418
Other 2-axle, 4-tired	10							10	16
Other 2-axle, 6-tired	119	1						120	186
3-axle	6							6	6
Subtotal	249	1						250	626
Tr-Tk semi-trailers									
3-axle	74	5	2					81	99
4-axle	59	10	12	3				84	104
5-axle or more	110	15	5					130	140
Subtotal	243	30	19	3				295	343
Tk-Trailer combinations									
4-axle or less	11	1	2	1				15	19
5-axle	53	31	29	2				115	170
6-axle or more	46	5	3					54	60
Subtotal	110	37	34	3				184	249
All combinations	353	67	53	6				479	592
All trucks and combs.	602	68	53	6				729	1218

WC-3

State Montana Sta. No. Laurel
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	27									27	108
Other 2-axle, 4-tired	1									1	4
Other 2-axle, 6-tired	34									34	60
3-axle											
Subtotal	62									62	172
Tr-Tk semi-trailers											
3-axle	7	3	4	3						17	22
4-axle		1	2	3	3	3				12	16
5-axle or more				2	2	1		1		6	7
Subtotal	7	4	6	8	5	4		1		35	45
Tk-Trailer combinations											
4-axle or less	1									1	1
5-axle		1	4				2	5		12	14
6-axle or more						2	2			4	4
Subtotal	1	1	4			2	4	5		17	19
All combinations	8	5	10	8	5	6	4	6		52	64
All trucks and combs.	70	5	10	8	5	6	4	6		114	236

WC-3

3

State Montana Sta. No. Laurel
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	30									30	101
Other 2-axle, 4-tired	4									4	4
Other 2-axle, 6-tired	25	1								26	33
3-axle	1	1								2	2
Subtotal	60	2								62	140
Tr-Tk semi-trailers											
3-axle	3	1	2	3	1					10	11
4-axle	2	1		1	1	4				9	10
5-axle or more			1	1	3	9	4	2		20	21
Subtotal	5	2	3	5	5	13	4	2		39	42
Tk-Trailer combinations											
4-axle or less			1	1			1			3	4
5-axle			1	1			1	8		11	20
6-axle or more						1	3	1		5	6
Subtotal			2	2		1	5	9		19	30
All combinations	5	2	5	7	5	14	9	11		58	72
All trucks and combs.	65	4	5	7	5	14	9	11		120	212

WC-3

3

State Montana Sta. No. Laurel
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-10PM
 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	57									57	209
Other 2-axle, 4-tired	5									5	8
Other 2-axle, 6-tired	59	1								60	93
3-axle	1	1								2	2
Subtotal	122	2								124	312
Tr-Tk semi-trailers											
3-axle	10	4	6	6	1					27	33
4-axle	2	2	2	4	4	7				21	26
5-axle or more			1	3	5	10	4	3		26	28
Subtotal	12	6	9	13	10	17	4	3		74	87
Tk-Trailer combinations											
4-axle or less	1		1	1			1			4	5
5-axle		1	5	1			3	13		23	34
6-axle or more						3	5	1		9	10
Subtotal	1	1	6	2		3	9	14		36	49
All combinations	13	7	15	15	10	20	13	17		110	136
All trucks and combs.	135	9	15	15	10	20	13	17		234	448

IC-4

State Montana Sta. No. Laurel
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	108	37.04	40	4510	62.96	68	3929
Other 2-axle, 4-tired	4	0.00			100.00	4	5100
Other 2-axle, 6-tired	60	76.47	46	12531	23.53	14	9138
3-axle							
Subtotal	172	50.00	86	8800	50.00	86	4831
Tr-Tk semi-trailers							
3-axle	22	70.59	16	26117	29.41	6	17120
4-axle	16	83.33	13	48380	16.67	3	24400
5-axle or more	7	66.67	5	52950	33.33	2	33600
Subtotal	45	75.56	34	38575	24.44	11	22102
Tr-Trailer combinations							
4-axle or less	1	0.00			100.00	1	6900
5-axle	14	58.33	8	71443	41.67	6	28500
6-axle or more	4	100.00	4	60600	0.00		
Subtotal	19	63.16	12	67829	36.84	7	25414
All combinations	64	71.88	46	46206	28.12	18	23390
All trucks and combs.	236	55.93	132	21835	44.07	104	8043

C-4

State Montana Sta. No. Laurel
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	101	40.00	40	5183	60.00	61	4017
Other 2-axle, 4-tired	4	25.00	1	8400	75.00	3	5233
Other 2-axle, 6-tired	33	53.85	18	12557	46.15	15	7283
3-axle	2	50.00	1	25700	50.00	1	8600
Subtotal	140	42.86	60	7791	52.14	80	4732
Trk semi-trailers							
3-axle	11	70.00	8	31786	30.00	3	17900
4-axle	10	66.67	7	49300	33.33	3	20833
5-axle or more	21	95.00	20	56821	5.00	1	27900
Subtotal	42	83.33	35	49595	16.67	7	20586
Trk-Trailer combinations							
4-axle or less	4	66.67	3	51000	33.33	1	26000
5-axle	20	81.82	16	73078	18.18	4	29200
6-axle or more	6	100.00	6	64100	0.00		
Subtotal	30	83.33	25	68274	16.67	5	28560
All combinations	72	83.33	60	57378	16.67	12	23909
All trucks and combs.	212	56.60	120	32585	43.40	92	7233

WC-1

Miles City

State Montana Sta. No. 4
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Mon., May 12		Fri., May 9		Wed., May 14		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	34	104	20	109		10	223
Other 2-axle, 4-tired	4	13	4	4			17
Other 2-axle, 6-tired	50	62	18	45		8	115
3-axle	1	1	2	2			3
Subtotal	89	180	44	160		18	358
Tr-Tk semi-trailers							
3-axle	9	15	17	24		3	42
4-axle	4	9	13	18		4	31
5-axle or more	4	5	5	6		7	18
Subtotal	17	29	35	48		14	91
Tk-Trailer combinations							
4-axle or less	14	16	13	13		18	47
5-axle	12	19	12	12		11	42
6-axle or more	5	5	9	9		8	22
Subtotal	31	40	34	34		37	111
All combinations	48	69	69	82		51	202
All trucks and combs.	137	249	113	242		69	560
Passenger cars	xxx	535	xxx	1066	xxx	304	1905
Busses	xxx	2	xxx	3	xxx	3	8
All vehicle types	xxx	786	xxx	1311	xxx	376	2473

State Montana Sta. No. 4-Miles City
 Year 1952 Direction Combined
 Season May 8-hr. period 6am-2pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	68							68	208
Other 2-axle, 4-tired	8							8	26
Other 2-axle, 6-tired	94	2	4					100	124
3-axle	3							3	3
Subtotal	173	2	4					179	361
Tr-Tk semi-trailers									
3-axle	27							27	45
4-axle	16							16	36
5-axle or more	20							20	25
Subtotal	63							63	106
Tk-Trailer combinations									
4-axle or less	43	1	11	1				56	64
5-axle	30	16	14					60	95
6-axle or more	30							30	30
Subtotal	103	17	25	1				146	189
All combinations	166	17	25	1				209	295
All trucks and combs.	339	19	29	1				388	656

State Montana Sta. No. 4-Miles City
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm-10 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	40							40	218
Other 2-axle, 4-tired	8							8	8
Other 2-axle, 6-tired	33	2	1					36	90
3-axle	6							6	6
Subtotal	87	2	1					90	322
Tr-Tk semi-trailers									
3-axle	50	1						51	72
4-axle	43	5	2	2				52	72
5-axle or more	25							25	30
Subtotal	118	6	2	2				128	174
Tk-Trailer combinations									
4-axle or less	46	1	3					50	50
5-axle	60							60	60
6-axle or more	52	2						54	54
Subtotal	158	3	3					164	164
All combinations	276	9	5	2				292	338
All trucks and combs.	363	11	6	2				382	660

WC-2

State Montana Sta. No. 4-Miles City
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-10 pm
 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	108							108	426
Other 2-axle, 4-tired	16							16	34
Other 2-axle, 6-tired	127	4	5					136	214
3-axle	9							9	9
Subtotal	260	4	5					269	683
Tr-Tk semi-trailers									
3-axle	77	1						78	117
4-axle	59	5	2	2				68	108
5-axle or more	45							45	55
Subtotal	181	6	2	2				191	280
Tk-Trailer combinations									
4-axle or less	89	2	14	1				106	114
5-axle	90	16	14					120	155
6-axle or more	82	2						84	84
Subtotal	261	20	28	1				310	353
All combinations	442	26	30	3				501	633
All trucks and combs.	702	30	35	3				770	1316

VC-3

State Montana Sta. No. Miles City
Year 1952 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under	20.0	25.0	30.0	40.0	50.0	60.0	70.0	80.0		
	20.0	24.9	29.9	39.9	49.9	59.9	69.9	79.9	over		
Single-unit trucks											
Panels and pick-ups	34									34	104
Other 2-axle, 4-tired	4									4	13
Other 2-axle, 6-tired	46	4								50	62
3-axle		1								1	1
Subtotal	84	5								89	180
Tr-Trk semi-trailers											
3-axle	6	1	2							9	15
4-axle		4								4	9
5-axle or more		1		2	1					4	5
Subtotal	6	6	2	2	1					17	29
Tr-Trailer combinations											
4-axle or less		6	3	1			4			14	16
5-axle			4			1		7		12	19
6-axle or more				3		2				5	5
Subtotal		6	7	4		3	4	7		31	40
All combinations	6	12	9	6	1	3	4	7		48	69
All trucks and combs.	90	17	9	6	1	3	4	7		137	249

4

State Montana Sta. No. Miles City
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	20									20	109
Other 2-axle, 4-tired	4									4	4
Other 2-axle, 6-tired	17	1								18	45
3-axle		1		1						2	2
Subtotal	41	2		1						44	160
Tr-Tk semi-trailers											
3-axle	10	1	4	2						17	24
4-axle		3	2	2	3	3				13	18
5-axle or more				1	1	3				5	6
Subtotal	10	4	6	5	4	6				35	48
Tk-Trailer combinations											
4-axle or less	4	3	4			1	1			13	13
5-axle		1	5	6						12	12
6-axle or more				2		3	2	2		9	9
Subtotal	4	4	9	8		4	3	2		34	34
All combinations	14	8	15	13	4	10	3	2		69	82
All trucks and combs.	55	10	15	14	4	10	3	2		113	242

WC-3

State Montana Sta. No. Miles City
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-10PM
 16 hours

**Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed**

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	54									54	213
Other 2-axle, 4-tired	8									8	17
Other 2-axle, 6-tired	63	5								68	107
3-axle		2		1						3	3
Subtotal	125	7		1						133	340
Tr-Tk semi-trailers											
3-axle	16	2	6	2						26	39
4-axle		7	2	2	3	3				17	27
5-axle or more		1		3	2	3				9	11
Subtotal	16	10	8	7	5	6				52	77
Tk-Trailer combinations											
4-axle or less	4	9	7	1		1	5			27	29
5-axle		1	9	6		1		7		24	31
6-axle or more				5		5	2	2		14	14
Subtotal	4	10	16	12		7	7	9		65	74
All combinations	20	20	24	19	5	13	7	9		117	151
All trucks and combs.	145	27	24	20	5	13	7	9		250	491

C-4

State Montana Sta. No. Miles City
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	104	41.18	43	4564	58.82	61	4125
Other 2-axle, 4-tired	13	75.00	10	9200	25.00	3	6300
Other 2-axle, 6-tired	62	86.00	53	13747	14.00	9	8229
3-axle	1	100.00	1	23800	0.00		
Subtotal	180	59.44	107	9726	40.56	73	4720
Truck semi-trailers							
3-axle	15	55.56	8	21180	44.44	7	16700
4-axle	9	33.33	3	22100	66.67	6	22433
5-axle or more	5	75.00	4	38200	25.00	1	23500
Subtotal	29	51.72	15	25903	48.28	14	19643
Truck-Trailer combinations							
4-axle or less	16	50.00	8	48886	50.00	8	24514
5-axle	19	66.67	13	70575	33.33	6	27125
6-axle or more	5	60.00	3	47400	40.00	2	30550
Subtotal	40	60.00	24	60448	40.00	16	26248
All combinations	69	56.52	39	47161	43.48	30	23166
All trucks and combs.	249	58.63	146	19726	41.37	103	10093

C-4

State Montana Sta. No. Miles City
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	109	55.00	60	5182	45.00	49	4244
Other 2-axle, 4-tired	4	50.00	2	5600	50.00	2	8850
Other 2-axle, 6-tired	45	66.67	30	14542	33.33	15	9300
3-axle	2	100.00	2	29550	0.00		
Subtotal	160	58.75	94	8697	41.25	66	5533
Truck semi-trailers							
3-axle	24	64.71	16	23827	35.29	8	17200
4-axle	18	84.62	15	39927	15.38	3	23300
5-axle or more	6	100.00	6	47520	0.00		
Subtotal	48	77.08	37	34196	22.92	11	18864
Truck-Trailer combinations							
4-axle or less	13	46.15	6	30083	53.85	7	23857
5-axle	12	0.00			100.00	12	29475
6-axle or more	9	77.78	7	64114	22.22	2	31150
Subtotal	34	38.24	13	48407	61.76	21	27762
All combinations	82	60.98	50	37891	39.02	32	24703
All trucks and combs.	242	59.50	144	18834	40.50	98	11793

State Montana Sta. No. 5
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Wed., May 14		Tues., May 13		Thurs., May 15		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	33	50	26	57		7	114
Other 2-axle, 4-tired	3	3	3	3			6
Other 2-axle, 6-tired	25	31	31	39		3	73
3-axle			1	2			1
Subtotal	61	84	61	101		10	195
Tr-Tk semi-trailers							
3-axle	12	12	12	17		4	31
4-axle	5	6	4	4		9	19
5-axle or more	2	3	3	3		2	8
Subtotal	19	21	19	24		15	60
Tk-Trailer combinations							
4-axle or less	1	1		2		1	4
5-axle	7	7		3			10
6-axle or more							
Subtotal	8	8		5		1	14
All combinations	27	29	19	29		16	74
All trucks and combs.	88	113	80	130		26	269
Passenger cars	xxx	419	xxx	335	xxx	60	814
Busses	xxx	1	xxx	14	xxx	1	16
All vehicle types	xxx	533	xxx	479	xxx	87	1099

State Montana Sta. No. 5
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-2 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	66							66	100
Other 2-axle, 4-tired	6							6	6
Other 2-axle, 6-tired	46	3	1					50	62
3-axle									
Subtotal	118	3	1					122	168
Tr-Tk semi-trailers									
3-axle	33	2	1					36	36
4-axle	20							20	24
5-axle or more	10							10	15
Subtotal	63	2	1					66	75
Tk-Trailer combinations									
4-axle or less	1		3					4	4
5-axle	11	14	9	1				35	35
6-axle or more									
Subtotal	12	14	12	1				39	39
All combinations	75	16	13	1				105	114
All trucks and combs.	193	19	14	1				227	282

State Montana Sta. No. 5
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm - 10 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	52							52	114
Other 2-axle, 4-tired	6							6	6
Other 2-axle, 6-tired	60	2						62	78
3-axle	3							3	6
Subtotal	121	2						123	204
Tr-Tk semi-trailers									
3-axle	35	1						36	51
4-axle	9	5	1	1				16	16
5-axle or more	15							15	15
Subtotal	59	6	1	1				67	82
Tk-Trailer combinations									
4-axle or less									8
5-axle									15
6-axle or more									
Subtotal									23
All combinations	59	6	1	1				67	105
All trucks and combs.	180	8	1	1				190	309

State Montana Sta. No. 5-Culbertson
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-10 pm
 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	118							118	214
Other 2-axle, 4-tired	12							12	12
Other 2-axle, 6-tired	106	5	1					112	140
3-axle	3							3	6
Subtotal	239	5	1					245	372
Tr-Tk semi-trailers									
3-axle	68	3	1					72	87
4-axle	29	5	1	1				36	40
5-axle or more	25							25	30
Subtotal	122	8	2	1				133	157
Tk-Trailer combinations									
4-axle or less	1		3					4	12
5-axle	11	14	9	1				35	50
6-axle or more									
Subtotal	12	14	12	1				39	62
All combinations	134	22	14	2				172	219
All trucks and combs.	373	27	15	2				417	591

C-3

State Montana Sta. No. Culbertson
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under	20.0	25.0	30.0	40.0	50.0	60.0	70.0	80.0		
	20.0	24.9	29.9	39.9	49.9	59.9	69.9	79.9	over		
Single-unit trucks											
Panels and pick-ups	33									33	50
Other 2-axle, 4-tired	3									3	3
Other 2-axle, 6-tired	22	3								25	31
3-axle											
Subtotal	58	3								61	84
Tr-Tk semi-trailers											
3-axle	3	1	2	6						12	12
4-axle	1	1	1		2					5	6
5-axle or more				1	1					2	3
Subtotal	4	2	3	7	3					19	21
Tr-Trailer combinations											
4-axle or less							1			1	1
5-axle			1				1	5		7	7
6-axle or more											
Subtotal			1				2	5		8	8
All combinations	4	2	4	7	3		2	5		27	29
All trucks and combs.	62	5	4	7	3		2	5		88	113

WC-3

State Montana Sta. No. Culbertson
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

**Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed**

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	26									26	57
Other 2-axle, 4-tired	3									3	3
Other 2-axle, 6-tired	29	2								31	39
3-axle				1						1	2
Subtotal	58	2		1						61	101
Tr-Tk semi-trailers											
3-axle	7	1	2	2						12	17
4-axle				1	1	2				4	4
5-axle or more			1	1		1				3	3
Subtotal	7	1	3	4	1	3				19	24
Tk-Trailer combinations											
4-axle or less											2
5-axle											3
6-axle or more											
Subtotal											5
All combinations	7	1	3	4	1	3				19	29
All trucks and combs.	65	3	3	5	1	3				80	130

NC-3

State Montana Sta. No. Culbertson
Year 1952 Direction Combined
Season May 8-hr. period 6AM-10PM
16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	59									59	107
Other 2-axle, 4-tired	6									6	6
Other 2-axle, 6-tired	51	5								56	70
3-axle				1						1	2
Subtotal	116	5		1						122	185
Tr-Tk semi-trailers											
3-axle	10	2	4	8						24	29
4-axle	1	1	1	1	3	2				9	10
5-axle or more			1	2	1	1				5	6
Subtotal	11	3	6	11	4	3				38	45
Tk-Trailer combinations											
4-axle or less							1			1	3
5-axle			1				1	5		7	10
6-axle or more											
Subtotal			1				2	5		8	13
All combinations	11	3	7	11	4	3	2	5		46	58
All trucks and combs.	127	8	7	12	4	3	2	5		168	243

State Montana Sta. No. Culbertson
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel and pick-ups	50	12.12	6	4925	87.88	44	4076
Other 2-axle, 4-tired	3	100.00	3	6867	0.00		
Other 2-axle, 6-tired	31	87.50	26	14405	12.50	5	5633
3-axle							
Subtotal	84	41.67	35	12134	58.33	49	4235
Trk semi-trailers							
3-axle	12	75.00	9	29733	25.00	3	17500
4-axle	6	60.00	4	35900	40.00	2	19200
5-axle or more	3	100.00	3	41500	0.00		
Subtotal	21	76.19	16	33481	23.81	5	18180
Trk-Trailer combinations							
4-axle or less	1	100.00	1	61600	0.00		
5-axle	7	85.71	6	72950	14.29	1	29200
6-axle or more							
Subtotal	8	87.50	7	71329	12.50	1	29200
All combinations	29	79.31	23	45000	20.69	6	20017
All trucks and combs.	113	51.33	58	25167	48.67	55	5957

5

State Montana Sta. No. Culbertson
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight.
Single-unit trucks							
Panel and pick-ups	57	15.38	9	4825	84.62	48	4077
Other 2-axle, 4-tired	3	66.67	2	9450	33.33	1	4200
Other 2-axle, 6-tired	39	41.94	16	15823	58.06	23	7611
3-axle	2	100.00	2	31000	0.00		
Subtotal	101	28.71	29	13017	71.29	72	5208
Truck semi-trailers							
3-axle	17	41.67	7	28060	58.33	10	16971
4-axle	4	100.00	4	46650	0.00		
5-axle or more	3	66.67	2	44200	33.33	1	28800
Subtotal	24	54.17	13	36263	45.83	11	18046
Truck-Trailer combinations							
4-axle or less	2	100.00	2	*61600	0.00		
5-axle	3	100.00	3	*72950	0.00		
6-axle or more							
Subtotal	5	100.00	5	68410	0.00		
All combinations	29	62.07	18	45193	37.93	11	18046
All trucks and combs.	130	36.15	47	25340	63.85	83	6909

No vehicles of this type weighed. Average weights from 6AM-2PM period.

State Montana Sta. No. 6
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Fri., May 16		Thurs., May 15		Fri., May 16		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	36	86	54	101		7	194
Other 2-axle, 4-tired	1	10	2	6			16
Other 2-axle, 6-tired	60	128	51	94		3	225
3-axle	1	1	1	1			2
Subtotal	98	225	108	202		10	437
Tr-Tk semi-trailers							
3-axle	15	18	9	13		4	35
4-axle	2	2	1	2		2	6
5-axle or more	3	3	3	3		1	7
Subtotal	20	23	13	18		7	48
Tk-Trailer combinations							
4-axle or less		5	3	4		3	12
5-axle	2	2	2	3			5
6-axle or more							
Subtotal	2	7	5	7		3	17
All combinations	22	30	18	25		10	65
All trucks and combs.	120	255	126	227		20	512
Passenger cars	xxx	393	xxx	598	xxx	168	1159
Busses	xxx	3	xxx	6	xxx	2	11
All vehicle types	xxx	651	xxx	831	xxx	190	1682

State Montana Sta. No. 6-Glasgow
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-2 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	72							72	172
Other 2-axle, 4-tired	2							2	20
Other 2-axle, 6-tired	105	14	1					120	256
3-axle	3							3	3
Subtotal	182	14	1					197	451
Tr-Tk semi-trailers									
3-axle	43	1	1					45	54
4-axle	4	3		1				8	8
5-axle or more	13		2					15	15
Subtotal	60	4	3	1				68	77
Tk-Trailer combinations									
4-axle or less									20
5-axle	3	3	4					10	10
6-axle or more									
Subtotal	3	3	4					10	30
All combinations	63	7	7	1				78	107
All trucks and combs.	245	21	8	1				275	558

WC-2

State Montana Sta. No. 6-Glasgow
 Year 1952 Direction Combined
 Season May 8-hr. period 2pm-10pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	108							108	202
Other 2-axle, 4-tired	4							4	12
Other 2-axle, 6-tired	98	3	1					102	188
3-axle	3							3	3
Subtotal	213	3	1					217	405
Tr-Tk semi-trailers									
3-axle	23	4						27	39
4-axle	4							4	8
5-axle or more	15							15	15
Subtotal	42	4						46	62
Tk-Trailer combinations									
4-axle or less	11							11	15
5-axle	7	2	1					10	15
6-axle or more									
Subtotal	18	2	1					21	30
All combinations	60	6	1					67	92
All trucks and combs.	273	9	2					284	497

WC-2

State Montana Sta. No. 6 Glasgow
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-10 pm
 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	180							180	374
Other 2-axle, 4-tired	6							6	32
Other 2-axle, 6-tired	203	17	2					222	444
3-axle	6							6	6
Subtotal	395	17	2					414	856
Tr-Tk semi-trailers									
3-axle	66	5	1					72	93
4-axle	8	3		1				12	16
5-axle or more	28		2					30	30
Subtotal	102	8	3	1				114	139
Tk-Trailer combinations									
4-axle or less	11							11	35
5-axle	10	5	5					20	25
6-axle or more									
Subtotal	21	5	5					31	60
All combinations	123	13	8	1				145	199
All trucks and combs.	518	30	10	1				559	1055

VC-3

State Montana Sta. No. Glasgow
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	36									36	86
Other 2-axle, 4-tired	1									1	10
Other 2-axle, 6-tired	50	10								60	128
3-axle	1									1	1
Subtotal	88	10								98	225
Tr-Tk semi-trailers											
3-axle	8	1	2	4						15	18
4-axle				1		1				2	2
5-axle or more				1		1	1			3	3
Subtotal	8	1	2	6		2	1			20	23
Tk-Trailer combinations											
4-axle or less											5
5-axle							1	1		2	2
6-axle or more											
Subtotal							1	1		2	7
All combinations	8	1	2	6		2	2	1		22	30
All trucks and combs.	96	11	2	6		2	2	1		120	255

WC-3

State Montana Sta. No. Glasgow
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

**Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed**

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	54									54	101
Other 2-axle, 4-tired	2									2	6
Other 2-axle, 6-tired	48	3								51	94
3-axle	1									1	1
Subtotal	105	3								108	202
Tr-Tk semi-trailers											
3-axle	1	1	2	5						9	13
4-axle	1									1	2
5-axle or more				3						3	3
Subtotal	2	1	2	8						13	18
Tk-Trailer combinations											
4-axle or less	3									3	4
5-axle				1			1			2	3
6-axle or more											
Subtotal	3			1			1			5	7
All combinations	5	1	2	9			1			18	25
All trucks and combs.	110	4	2	9			1			126	227

C-3

State Montana Sta. No. Glasgow
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-10PM
 16 hours

**Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed**

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	90									90	187
Other 2-axle, 4-tired	3									3	16
Other 2-axle, 6-tired	98	13								111	222
3-axle	2									2	2
Subtotal	193	13								206	427
Tr-Trk semi-trailers											
3-axle	9	2	4	9						24	31
4-axle	1			1		1				3	4
5-axle or more				4		1	1			6	6
Subtotal	10	2	4	14		2	1			33	41
Trk-Trailer combinations											
4-axle or less	3									3	9
5-axle				1			2	1		4	5
6-axle or more											
Subtotal	3			1			2	1		7	14
All combinations	13	2	4	15		2	3	1		40	55
All trucks and combs.	206	15	4	15		2	3	1		246	482

6

State Montana Sta. No. Glasgow
Year 1952 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
and Number Empty, Average Loaded Weight and Average Empty
Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
panels and pick-ups	86	16.67	14	5250	83.33	72	3953
ther 2-axle, 4-tired	10	0.00			100.00	10	4800
ther 2-axle, 6-tired	128	80.00	102	16210	20.00	26	7608
-axle	1	0.00			100.00	1	13200
Subtotal	225	51.56	116	14887	48.44	109	4987
T-Tk semi-trailers							
5-axle	18	53.33	10	26338	46.67	8	16429
4-axle	2	100.00	2	45400	0.00		
5-axle or more	3	100.00	3	52467	0.00		
Subtotal	23	65.22	15	34105	34.78	8	16429
Tr-Trailer combinations							
4-axle or less	5	33.33	2	*16500	66.67	3	*9600
5-axle	2	100.00	2	70550	0.00		
6-axle or more							
Subtotal	7	57.14	4	43525	42.86	3	9600
All combinations	30	63.33	19	36088	36.67	11	14567
All trucks and combs.	255	59.94	135	17871	47.06	120	5865

*No vehicles of this type weighed. Average weights are from 2PM-10PM period.

State Montana Sta. No. Glasgow
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel trucks and pick-ups	101	16.67	17	4567	83.33	84	4124
Other 2-axle, 4-tired	6	100.00	6	6700	0.00		
Other 2-axle, 6-tired	94	68.63	65	15203	31.37	29	7125
3-axle	1	0.00			100.00	1	7200
Subtotal	202	43.56	88	12568	56.44	114	4914
Truck semi-trailers							
3-axle	13	88.89	12	30400	11.11	1	19600
4-axle	2	100.00	2	14100	0.00		
5-axle or more	3	33.33	1	30000	66.67	2	33150
Subtotal	18	83.33	15	28200	16.67	3	28633
Truck-Trailer combinations							
4-axle or less	4	33.33	1	16500	66.67	3	9600
5-axle	3	50.00	2	69500	50.00	1	31900
6-axle or more							
Subtotal	7	42.86	3	51833	57.14	4	15175
All combinations	25	72.00	18	32139	28.00	7	20943
All trucks and combs.	227	46.70	106	15891	53.30	121	5841

WC-1

Great Falls

State Montana Sta. No. 7
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Wed... May 21		Tues... May 20		Mon... May 19		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	24	131	36	166	4	12	309
Other 2-axle, 4-tired	2	3	2	5		1	9
Other 2-axle, 6-tired	79	127	52	75	10	10	212
3-axle	22	38	11	15			53
Subtotal	127	299	101	261	14	23	483
Tr-Tk semi-trailers							
3-axle	5	7		3	2	2	12
4-axle	5	6	8	10	2	3	19
5-axle or more	10	12	7	9	4	4	25
Subtotal	20	25	15	22	8	9	56
Tk-Trailer combinations							
4-axle or less	1	3		4	1	1	8
5-axle	12	12	10	11	8	8	31
6-axle or more	1	2	1	2	1	1	5
Subtotal	14	17	11	17	10	10	44
All combinations	34	42	26	39	18	19	100
All trucks and combs.	161	341	127	300	32	42	583
cars	xxx	665	xxx	1066	xxx	171	1902
	xxx	9	xxx	10	xxx		19
le types	xxx	1015	xxx	1376	xxx	213	2504

WC-2

State Montana Sta. No. 7-Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 6am-2pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	48							48	262
Other 2-axle, 4-tired	4							4	6
Other 2-axle, 6-tired	140	3	7	8				158	254
3-axle	37	28		1				66	114
Subtotal	229	31	7	9				276	636
Tr-Tk semi-trailers									
3-axle	15							15	21
4-axle	17		1	1	1			20	24
5-axle or more	52							52	60
Subtotal	84		1	1	1			87	105
Tk-Trailer combinations									
4-axle or less	4							4	12
5-axle	27	18	15					60	60
6-axle or more	6							6	12
Subtotal	37	18	15					70	84
All combinations	121	18	16	1	1			157	189
All trucks and combs.	350	49	23	10	1			433	825

State Montana Sta. No. 7-Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm-10 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	72							72	332
Other 2-axle, 4-tired	4							4	10
Other 2-axle, 6-tired	90	3	4	7				104	150
3-axle	25	8						33	45
Subtotal	191	11	4	7				213	537
Tr-Tk semi-trailers									
3-axle									9
4-axle	27	3	2					32	40
5-axle or more	35							35	45
Subtotal	62	3	2					67	94
Tk-Trailer combinations									
4-axle or less									16
5-axle	46	2	1	1				50	55
6-axle or more	6							6	12
Subtotal	52	2	1	1				56	83
All combinations	114	5	3	1				123	177
All trucks and combs.	305	16	7	8				336	714

WC-2

State Montana Sta. No. 7-Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 10pm-6am

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	8							8	24
Other 2-axle, 4-tired									2
Other 2-axle, 6-tired	20							20	20
3-axle									
Subtotal	28							28	46
Tr-Tk semi-trailers									
3-axle	6							6	6
4-axle	7		1					8	12
5-axle or more	20							20	20
Subtotal	33		1					34	38
Tk-Trailer combinations									
4-axle or less	1	2	1					4	4
5-axle	10	16	14					40	40
6-axle or more	5	1						6	6
Subtotal	16	19	15					50	50
All combinations	49	19	16					84	88
All trucks and combs.	77	19	16					112	134

WC-2

State Montana Sta. No. 7-Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-6 am
 24 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	128							128	618
Other 2-axle, 4-tired	8							8	18
Other 2-axle, 6-tired	250	6	11	15				282	424
3-axle	62	36		1				99	159
Subtotal	448	42	11	16				517	1219
Tr-Tk semi-trailers									
3-axle	21							21	36
4-axle	51	3	4	1	1			60	76
5-axle or more	107							107	125
Subtotal	179	3	4	1	1			188	237
Tk-Trailer combinations									
4-axle or less	5	2	1					8	32
5-axle	83	36	30	1				150	155
6-axle or more	17	1						18	30
Subtotal	105	39	31	1				176	217
All combinations	284	42	35	2	1			364	454
All trucks and combs.	732	84	46	18	1			881	1673

WC-3

State Montana Sta. No. Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	24									24	131
Other 2-axle, 4-tired	2									2	3
Other 2-axle, 6-tired	63	16								79	127
3-axle	4			18						22	38
Subtotal	93	16		18						127	299
Tr-Tk semi-trailers											
3-axle	4	1								5	7
4-axle			2	1		2				5	6
5-axle or more			3		4	3				10	12
Subtotal	4	1	5	1	4	5				20	25
Tk-Trailer combinations											
4-axle or less				1						1	3
5-axle			2	1			3	6		12	12
6-axle or more						1				1	2
Subtotal			2	2		1	3	6		14	17
All combinations	4	1	7	3	4	6	3	6		34	42
All trucks and combs.	97	17	7	21	4	6	3	6		161	341

C-3

State Montana Sta. No. Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	36									36	166
Other 2-axle, 4-tired	2									2	5
Other 2-axle, 6-tired	38	10	4							52	75
3-axle	4		1	6						11	15
Subtotal	80	10	5	6						101	261
Tr-Tk semi-trailers											
3-axle											3
4-axle	1	1	1	2	1	2				8	10
5-axle or more			3	2		2				7	9
Subtotal	1	1	4	4	1	4				15	22
Tk-Trailer combinations											
4-axle or less											4
5-axle			2	6	1			1		10	11
6-axle or more				1						1	2
Subtotal			2	7	1			1		11	17
All combinations	1	1	6	11	2	4		1		26	39
All trucks and combs.	81	11	11	17	2	4		1		127	300

NC-3

State Montana Sta. No. Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 10PM-6AM

**Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed**

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	4									4	12
Other 2-axle, 4-tired											1
Other 2-axle, 6-tired	10									10	10
3-axle											
Subtotal	14									14	23
Tr-Tk semi-trailers											
3-axle	1	1								2	2
4-axle				1	1					2	3
5-axle or more				2	1	1				4	4
Subtotal	1	1		3	2	1				8	9
Tk-Trailer combinations											
4-axle or less						1				1	1
5-axle						1	7			8	8
6-axle or more						1				1	1
Subtotal						3	7			10	10
All combinations	1	1		3	2	4	7			18	19
All trucks and combs.	15	1		3	2	4	7			32	42

WC-3

State Montana Sta. No. Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-6AM
 24 hours

**Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed**

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	64									64	309
Other 2-axle, 4-tired	4									4	9
Other 2-axle, 6-tired	111	26	4							141	212
3-axle	8		1	24						33	53
Subtotal	187	26	5	24						242	583
Tr-Tk semi-trailers											
3-axle	5	2								7	12
4-axle	1	1	3	4	2	4				15	19
5-axle or more			6	4	5	6				21	25
Subtotal	6	3	9	8	7	10				43	56
Tk-Trailer combinations											
4-axle or less				1		1				2	8
5-axle			4	7	1	1	10	7		30	31
6-axle or more				1		2				3	5
Subtotal			4	9	1	4	10	7		35	44
All combinations	6	3	13	17	8	14	10	7		78	100
All trucks and combs.	193	29	18	41	8	14	10	7		320	683

7

State Montana Sta. No. Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel and pick-ups	131	37.50	49	6500	62.50	82	4687
Other 2-axle, 4-tired	3	50.00	2	7000	50.00	1	7100
Other 2-axle, 6-tired	127	74.68	95	16351	25.32	32	8785
3-axle	38	86.36	33	35547	13.64	5	12733
Subtotal	299	59.87	179	17089	40.13	120	6135
Truck semi-trailers							
3-axle	7	20.00	1	24800	80.00	6	15750
4-axle	6	100.00	6	38040	0.00		
5-axle or more	12	50.00	6	47320	50.00	6	36420
Subtotal	25	52.00	13	41305	48.00	12	26085
Truck-Trailer combinations							
4-axle or less	3	100.00	3	37000	0.00		
5-axle	12	75.00	9	72000	25.00	3	30100
6-axle or more	2	100.00	2	59400	0.00		
Subtotal	17	82.35	14	62700	17.65	3	30100
All combinations	42	64.29	27	52399	35.71	15	26888
All trucks and combs.	341	60.41	206	21717	39.59	135	8441

State Montana Sta. No. Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel and pick-ups	166	38.89	65	5386	61.11	101	4095
Other 2-axle, 4-tired	5	50.00	3	3800	50.00	2	6000
Other 2-axle, 6-tired	75	69.23	52	17489	30.77	23	9325
3-axle	15	63.64	10	34200	36.36	5	15000
Subtotal	261	49.81	130	12407	50.19	131	5459
Truck semi-trailers							
2-axle	3	20.00	1	*24800	80.00	2	15750
3-axle	10	87.50	9	27386	12.50	1	22500
4-axle or more	9	28.57	3	53050	71.43	6	31320
Subtotal	22	59.09	13	33110	40.91	9	26880
Trailer combinations							
2-axle or less	4	100.00	4	*37000	0.00		
3-axle	11	20.00	2	58100	80.00	9	30663
4-axle or more	2	0.00			100.00	2	33400
Subtotal	17	35.29	6	44033	64.71	11	31161
Truck combinations	39	48.72	19	36559	51.28	20	29235
Truck trucks and combs.	300	49.67	149	15487	50.33	151	8608

*No vehicles of this type weighed. Average weight from 6AM-2PM Period.

7

State Montana Sta. No. Great Falls
 Year 1952 Direction Combined
 Season May 8-hr. period 10PM-6AM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
panels and pick-ups	12	25.00	3	6500	75.00	9	4233
ther 2-axle, 4-tired	1	100.00	1	*3800	0.00		
ther 2-axle, 6-tired	10	10.00	1	13500	90.00	9	9167
-axle							
Subtotal	23	21.74	5	7360	78.26	18	6700
Trk semi-trailers							
-axle	2	0.00			100.00	2	20200
-axle	3	100.00	3	42800	0.00		
-axle or more	4	75.00	3	43567	25.00	1	31100
Subtotal	9	66.67	6	43184	33.33	3	23833
Trailer combinations							
-axle or less	1	100.00	1	55600	0.00		
-axle	8	100.00	8	72700	0.00		
-axle or more	1	100.00	1	61900	0.00		
Subtotal	10	100.00	10	69910	0.00		
l combinations	19	84.21	16	59888	15.79	3	23833
l trucks and combs.	42	50.00	21	47381	50.00	21	9148

*No vehicle of this type weighed. Average weight from 2PM-10PM Period.

State Montana Sta. No. 8
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs., May 22		Fri., May 23		Tues., May 20		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	11	107	17	104		19	230
Other 2-axle, 4-tired	2	4	3	4			8
Other 2-axle, 6-tired	41	77	36	61		8	146
3-axle	4	5	5	6		1	12
Subtotal	58	193	61	175		28	396
Tr-Tk semi-trailers							
3-axle	6	6	8	8		3	17
4-axle	6	6	3	3		4	13
5-axle or more	6	6	5	5		6	15
Subtotal	18	18	16	16		13	45
Tk-Trailer combinations							
4-axle or less	6	6				1	7
5-axle	7	7	13	13		7	27
6-axle or more	1	1	3	3		1	5
Subtotal	14	14	16	16		9	39
All combinations	32	32	32	32		22	84
All trucks and combs.	90	225	93	207		50	482
Passenger cars	xxx	468	xxx	874	xxx	90	1432
Busses	xxx	5	xxx	4	xxx		9
All vehicle types	xxx	698	xxx	1085	xxx	140	1923

State Montana Sta. No. 8-Shelby
 Year 1952 Direction Combined
 Season May 8-hr. period 6am-2pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	22							22	214
Other 2-axle, 4-tired	4							4	8
Other 2-axle, 6-tired	68		12	2				82	154
3-axle	12							12	15
Subtotal	106		12	2				120	391
Tr-Tk semi-trailers									
3-axle	13	2	3					18	18
4-axle	19	1	4					24	24
5-axle or more	27	2	1					30	30
Subtotal	59	5	8					72	72
Tk-Trailer combinations									
4-axle or less	17	1	4	2				24	24
5-axle	13	6	14	2				35	35
6-axle or more	6							6	6
Subtotal	36	7	18	4				65	65
All combinations	95	12	26	4				137	137
All trucks and combs.	201	12	38	6				257	528

State Montana Sta. No. 8-Shelby
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm - 10 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Pannels and pick-ups	34							34	208
Other 2-axle, 4-tired	6							6	8
Other 2-axle, 6-tired	64	3	3	1	1			72	122
3-axle	12	3						15	18
Subtotal	116	6	3	1	1			127	356
Tr-Tk semi-trailers									
3-axle	21	1		1	1			24	24
4-axle	11			1				12	12
5-axle or more	17	5	3					25	25
Subtotal	49	6	3	2	1			61	61
Tk-Trailer combinations									
4-axle or less									
5-axle	36	16	13					65	65
6-axle or more	17	1						18	18
Subtotal	53	17	13					83	83
All combinations	102	23	16	2	1			144	144
All trucks and combs.	218	29	19	3	2			271	500

State Montana Sta. No. 8-Shelby
 Year 1952 Direction Combined
 Season May 8-hr. period 6am-10pm
 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	56							56	422
Other 2-axle, 4-tired	10							10	16
Other 2-axle, 6-tired	132	3	15	3	1			154	276
3-axle	24	3						27	33
Subtotal	222	6	15	3	1			247	747
Tr-Tk semi-trailers									
3-axle	34	3	3	1	1			42	42
4-axle	30	1	4	1				36	36
5-axle or more	44	7	4					55	55
Subtotal	108	11	11	2	1			133	133
Tk-Trailer combinations									
4-axle or less	17	1	4	2				24	24
5-axle	49	22	27	2				100	100
6-axle or more	23	1						24	24
Subtotal	89	24	31	4				148	148
All combinations	197	35	42	6	1			281	281
All trucks and combs.	419	41	57	9	2			528	1028

8

State Montana Sta. No. Shelby
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under	20.0	25.0	30.0	40.0	50.0	60.0	70.0	80.0		
	20.0	24.9	29.9	39.9	49.9	59.9	69.9	79.9	over		
Single-unit trucks											
Panels and pick-ups	11									11	107
Other 2-axle, 4-tired	2									2	4
Other 2-axle, 6-tired	31	9	1							41	77
3-axle	1	1	1	1						4	5
Subtotal	45	10	2	1						58	193
Tr-Trk semi-trailers											
3-axle	1	1		4						6	6
4-axle			1		4	1				6	6
5-axle or more				1	2	2	1			6	6
Subtotal	1	1	1	5	6	3	1			18	18
Tr-Trailer combinations											
4-axle or less	2	1			1		2			6	6
5-axle			1				1	5		7	7
6-axle or more						1				1	1
Subtotal	2	1	1		1	1	3	5		14	14
All combinations	3	2	2	5	7	4	4	5		32	32
All trucks and combs.	48	12	4	6	7	4	4	5		90	225

8

State Montana Sta. No. Shelby
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

**Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed**

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	17									17	104
Other 2-axle, 4-tired	3									3	4
Other 2-axle, 6-tired	28	7	1							36	61
3-axle	1	1	2	1						5	6
Subtotal	49	8	3	1						61	175
Trk semi-trailers											
3-axle	4	1	2		1					8	8
4-axle		1		2						3	3
5-axle or more				2		1	1	1		5	5
Subtotal	4	2	2	4	1	1	1	1		16	16
Trk-Trailer combinations											
4-axle or less											
5-axle				5	1			7		13	13
6-axle or more				1			1	1		3	3
Subtotal				6	1		1	8		16	16
All combinations	4	2	2	10	2	1	2	9		32	32
All trucks and combs.	53	10	5	11	2	1	2	9		93	207

WC-3

State Montana Sta. No. Shelby
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-10PM
 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	28									28	211
Other 2-axle, 4-tired	5									5	8
Other 2-axle, 6-tired	59	16	2							77	138
3-axle	2	2	3	2						9	11
Subtotal	94	18	5	2						119	368
Tr-Trk semi-trailers											
3-axle	5	2	2	4	1					14	14
4-axle		1	1	2	4	1				9	9
5-axle or more				3	2	3	2	1		11	11
Subtotal	5	3	3	9	7	4	2	1		34	34
Trk-Trailer combinations											
4-axle or less	2	1			1		2			6	6
5-axle			1	5	1		1	12		20	20
6-axle or more				1		1	1	1		4	4
Subtotal	2	1	1	6	2	1	4	13		30	30
All combinations	7	4	8	11	9	5	6	14		64	64
All trucks and combs.	101	22	9	17	9	5	6	14		183	432

8

State Montana Sta. No. Shelby
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel and pick-ups	107	54.55	58	5483	45.45	49	4220
Other 2-axle, 4-tired	4	100.00	4	8700	0.00		
Other 2-axle, 6-tired	77	70.73	54	16379	29.27	23	7442
3-axle	5	75.00	4	26800	25.00	1	10300
Subtotal	193	62.18	120	11204	37.82	73	5318
Truck semi-trailers							
3-axle	6	83.33	5	32240	16.67	1	14700
4-axle	6	100.00	6	43633	0.00		
5-axle or more	6	83.33	5	53080	16.67	1	30200
Subtotal	18	88.89	16	43025	11.11	2	22450
Truck-Trailer combinations							
4-axle or less	6	83.33	5	41900	16.67	1	16300
5-axle	7	85.71	6	74650	14.29	1	28300
6-axle or more	1	100.00	1	59400	0.00		
Subtotal	14	85.71	12	59733	14.29	2	22300
All combinations	32	87.50	28	50186	12.50	4	22375
All trucks and combs.	225	65.78	148	18579	34.22	77	6204

8

State Montana Sta. No. Shelby
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel and pick-ups	104	29.41	31	4480	70.59	73	4242
Other 2-axle, 4-tired	4	66.67	3	8150	33.33	1	3800
Other 2-axle, 6-tired	61	69.44	42	15112	30.56	19	8254
3-axle	6	80.00	5	28550	20.00	1	15500
Subtotal	175	46.29	81	11615	53.71	94	5168
Truck semi-trailers							
3-axle	8	62.50	5	27620	37.50	3	16833
4-axle	3	33.33	1	38700	66.67	2	27750
5-axle or more	5	60.00	3	65900	40.00	2	32050
Subtotal	16	56.25	9	41611	43.75	7	24300
Truck-Trailer combinations							
4-axle or less							
5-axle	13	61.54	8	69525	38.46	5	30580
6-axle or more	3	66.67	2	66100	33.33	1	35700
Subtotal	16	62.50	10	68840	37.50	6	31433
All combinations	32	59.38	19	55942	40.62	13	27592
All trucks and combs.	207	48.31	100	20037	51.69	107	7892

WC-1

Kalispell

State Montana Sta. No. 9
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Tues., May 27		Mon., May 26		Wed., May 21		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	53	124	60	198		20	342
Other 2-axle, 4-tired	1	7	8	8			15
Other 2-axle, 6-tired	70	80	74	86		6	172
3-axle	4	4	5	7		1	12
Subtotal	128	215	147	299		27	541
Tr-Tk semi-trailers							
3-axle	2	6	4	4			10
4-axle			1	1			1
5-axle or more	4	4	3	3			7
Subtotal	6	10	8	8			18
Tk-Trailer combinations							
4-axle or less		5	1	6		1	12
5-axle	3	3	2	2		2	7
6-axle or more	4	4	4	4			8
Subtotal	7	12	7	12		3	27
All combinations	13	22	15	20		3	45
All trucks and combs.	141	237	162	319		30	586
Passenger cars	xxx	646	xxx	868	xxx	212	1726
Busses	xxx	2	xxx	3	xxx		5
All vehicle types	xxx	885	xxx	1190	xxx	242	2317

State Montana Sta. No. 9-Kalispell
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-2 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	106							106	248
Other 2-axle, 4-tired	2							2	14
Other 2-axle, 6-tired	131	3	5	1				140	160
3-axle	12							12	12
Subtotal	251	3	5	1				260	434
Tr-Tk semi-trailers									
3-axle	6							6	18
4-axle									
5-axle or more	20							20	20
Subtotal	26							26	38
Tk-Trailer combinations									
4-axle or less									20
5-axle	11	2	2					15	15
6-axle or more	19	3	2					24	24
Subtotal	30	5	4					39	59
All combinations	56	5	4					65	97
All trucks and combs.	307	8	9	1				325	531

State Montana Sta. No. 9-Kalispell
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm-10 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Pans and pick-ups	120							120	396
Other 2-axle, 4-tired	16							16	16
Other 2-axle, 6-tired	140	5	2	1				148	172
3-axle	15							15	21
Subtotal	291	5	2	1				299	605
Tr-Tk semi-trailers									
3-axle	10		1		1			12	12
4-axle	3	1						4	4
5-axle or more	13	2						15	15
Subtotal	26	3	1		1			31	31
Tk-Trailer combinations									
4-axle or less	3							3	24
5-axle	3	3	4					10	10
6-axle or more	23		1					24	24
Subtotal	29	3	5					37	58
All combinations	55	6	6		1			68	89
All trucks and combs.	346	11	8	1	1			367	694

State Montana Sta. No. 9-Kalispell
 Year 1952 Direction Combined
 Season May 8-hr. period 6am-10pm
 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	226							226	644
Other 2-axle, 4-tired	18							18	30
Other 2-axle, 6-tired	271	8	7	2				288	332
3-axle	27							27	33
Subtotal	542	8	7	2				559	1039
Tr-Tk semi-trailers									
3-axle	16		1		1			18	30
4-axle	3	1						4	4
5-axle or more	33	2						35	35
Subtotal	52	3	1		1			57	69
Tk-Trailer combinations									
4-axle or less	3							3	44
5-axle	14	5	6					25	25
6-axle or more	42	3	3					48	48
Subtotal	59	8	9					76	117
All combinations	111	11	10		1			133	186
All trucks and combs.	653	19	17	2	1			692	1225

C-3

State Montana Sta. No. Kalispell
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	53									53	124
Other 2-axle, 4-tired	1									1	7
Other 2-axle, 6-tired	64	6								70	80
3-axle	2	1	1							4	4
Subtotal	120	7	1							128	215
Trailer semi-trailers											
3-axle	1	1								2	6
4-axle											
5-axle or more			1	1	2					4	4
Subtotal	1	1	1	1	2					6	10
Trailer combinations											
4-axle or less											5
5-axle			1	1				1		3	3
6-axle or more			1	1				1	1	4	4
Subtotal			2	2				2	1	7	12
Trailer combinations	1	1	3	3	2			2	1	13	22
Trailer trucks and combs.	121	8	4	3	2			2	1	141	237

C-3

State Montana Sta. No. Kalispell
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	60									60	198
Other 2-axle, 4-tired	8									8	8
Other 2-axle, 6-tired	68	6								74	86
3-axle	1	2	2							5	7
Subtotal	137	8	2							147	299
Truck semi-trailers											
3-axle	3				1					4	4
4-axle						1				1	1
5-axle or more				2		1				3	3
Subtotal	3			2	1	2				8	8
Truck-Trailer combinations											
4-axle or less	1									1	6
5-axle								2		2	2
6-axle or more			3				1			4	4
Subtotal	1		3				1	2		7	12
All combinations	4		3	2	1	2	1	2		15	20
All trucks and combs.	141	8	5	2	1	2	1	2		162	319

C-3

State Montana Sta. No. Kalispell
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-10PM
 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	113									113	322
Other 2-axle, 4-tired	9									9	15
Other 2-axle, 6-tired	132	12								144	166
3-axle	3	3	3							9	11
Subtotal	257	15	3							275	514
Tr-Trk semi-trailers											
3-axle	4	1			1					6	10
4-axle						1				1	1
5-axle or more			1	3	2	1				7	7
Subtotal	4	1	1	3	3	2				14	18
Tr-Trailer combinations											
4-axle or less	1									1	11
5-axle			1	1				3		5	5
6-axle or more			4	1			1	1	1	8	8
Subtotal	1		5	2			1	4	1	14	24
All combinations	5	1	6	5	3	2	1	4	1	28	42
All trucks and combs.	262	16	9	5	3	2	1	4	1	303	556

State Montana Sta. No. Kalispell
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel and pick-ups	124	15.09	19	5263	84.91	105	3858
Other 2-axle, 4-tired	7	100.00	7	9400	0.00		
Other 2-axle, 6-tired	80	61.43	49	14644	38.57	31	8404
3-axle	4	50.00	2	23500	50.00	2	16550
Subtotal	215	35.81	77	12083	64.19	138	5063
Truck semi-trailers							
3-axle	6	100.00	6	20950	0.00		
4-axle							
5-axle or more	4	50.00	2	44850	50.00	2	32050
Subtotal	10	80.00	8	26925	20.00	2	32050
Truck-Trailer combinations							
4-axle or less	5	0.00			100.00	5	*6400
5-axle	3	33.33	1	73900	66.67	2	30200
6-axle or more	4	50.00	2	77450	50.00	2	31500
Subtotal	12	25.00	3	76267	75.00	9	17267
All combinations	22	50.00	11	40382	50.00	11	19955
All trucks and combs.	237	37.13	88	15620	62.87	149	6162

*No vehicles of this type weighed. Average weight from 2PM-10PM period.

State Montana Sta. No. Kalispell
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel trucks and pick-ups	198	15.00	30	4956	85.00	168	4025
Other 2-axle, 4-tired	8	37.50	3	8533	62.50	5	6640
Other 2-axle, 6-tired	86	47.30	41	14569	52.70	45	7382
3-axle	7	100.00	7	24200	0.00		
Subtotal	299	27.09	81	11617	72.91	218	4778
Truck semi-trailers							
3-axle	4	50.00	2	32300	50.00	2	15650
4-axle	1	100.00	1	46700	0.00		
5-axle or more	3	66.67	2	45600	33.33	1	32800
Subtotal	8	62.50	5	40500	37.50	3	21367
Truck-Trailer combinations							
4-axle or less	6	0.00			100.00	6	6400
5-axle	2	100.00	2	74200	0.00		
6-axle or more	4	25.00	1	61800	75.00	3	28867
Subtotal	12	25.00	3	70067	75.00	9	13889
All combinations	20	40.00	8	51588	60.00	12	15759
All trucks and combs.	319	27.90	89	15210	72.10	230	5351

State Montana Sta. No. 10
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs., May 29		Wed., May 28		Thurs., May 22		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	20	185	7	122		21	328
Other 2-axle, 4-tired	1	2	1	3		1	6
Other 2-axle, 6-tired	74	115	36	63		13	191
3-axle	7	9	8	8		1	18
Subtotal	102	311	52	196		36	543
Tr-Tk semi-trailers							
3-axle	10	15	13	13		6	34
4-axle	7	8	2	2		2	12
5-axle or more	8	11	16	16		15	42
Subtotal	25	34	31	31		23	88
Tk-Trailer combinations							
4-axle or less		4	5	6		2	12
5-axle	3	4	7	7		3	14
6-axle or more	5	6	10	10		7	23
Subtotal	8	14	22	23		12	49
All combinations	33	48	53	54		35	137
All trucks and combs.	135	359	105	250		71	680
Passenger cars	xxx	1020	xxx	915	xxx	191	2126
Busses	xxx	10	xxx	13	xxx	3	26
All vehicle types	xxx	1389	xxx	1178	xxx	265	2832

State Montana Sta. No. 10-Missoula
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-2 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	40							40	370
Other 2-axle, 4-tired	2							2	4
Other 2-axle, 6-tired	141	5	2					148	230
3-axle	17	2		2				21	27
Subtotal	200	7	2	2				211	631
Tr-Tk semi-trailers									
3-axle	28	2						30	45
4-axle	20	5	1	2				28	32
5-axle or more	36	3	1					40	55
Subtotal	84	10	2	2				98	132
Tk-Trailer combinations									
4-axle or less									16
5-axle	9	5	1					15	20
6-axle or more	26	4						30	36
Subtotal	35	9	1					45	72
All combinations	119	19	3	2				143	204
All trucks and combs.	319	26	5	4				354	835

State Montana Sta. No. 10-Missoula
 Year 1952 Direction Combined
 Season May 8-hr. period 2pm-10pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	14							14	244
Other 2-axle, 4-tired	2							2	6
Other 2-axle, 6-tired	70	1	1					72	126
3-axle	20	3		1				24	24
Subtotal	106	4	1	1				112	400
Tr-Tk semi-trailers									
3-axle	35	2			2			39	39
4-axle	4	3		1				8	8
5-axle or more	63	11	2		2	1	1	80	80
Subtotal	102	16	2	1	4	1	1	127	127
Tk-Trailer combinations									
4-axle or less	13		2					15	24
5-axle	22	10	2	1				35	35
6-axle or more	56	4						60	60
Subtotal	91	14	4	1				110	119
All combinations	193	30	6	2	4	1	1	237	246
All trucks and combs.	299	34	7	3	4	1	1	349	646

State Montana Sta. No. 10-Missoula
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-10 pm
 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	54							54	614
Other 2-axle, 4-tired	4							4	10
Other 2-axle, 6-tired	211	6	3					220	356
3-axle	37	5		3				45	51
Subtotal	306	11	3	3				323	1031
Tr-Tk semi-trailers									
3-axle	63	4			2			69	84
4-axle	24	8	1	3				36	40
5-axle or more	99	14	3		2	1	1	120	135
Subtotal	186	26	4	3	4	1	1	225	259
Tk-Trailer combinations									
4-axle or less	13		2					15	40
5-axle	31	15	3	1				50	55
6-axle or more	82	8						90	96
Subtotal	126	23	5	1				155	191
All combinations	312	49	9	4	4	1	1	380	450
All trucks and combs.	618	60	12	7	4	1	1	703	1481

VC-3

State Montana Sta. No. Missoula
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	20									20	185
Other 2-axle, 4-tired	1									1	2
Other 2-axle, 6-tired	72	2								74	115
3-axle	3	1		2	1					7	9
Subtotal	96	3		2	1					102	311
Tr-Tk semi-trailers											
3-axle	1	4	2	3						10	15
4-axle		2	1		1	3				7	8
5-axle or more				2	1	3	2			8	11
Subtotal	1	6	3	5	2	6	2			25	34
Tr-Trailer combinations											
4-axle or less											4
5-axle		1					1	1		3	4
6-axle or more							4	1		5	6
Subtotal		1					5	2		8	14
All combinations	1	7	3	5	2	6	7	2		33	48
All trucks and combs.	97	10	3	7	3	6	7	2		135	359

WC-3

State Montana Sta. No. Missoula
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

**Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed**

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	7									7	122
Other 2-axle, 4-tired	1									1	3
Other 2-axle, 6-tired	35	1								36	63
3-axle	3	1	1	3						8	8
Subtotal	46	2	1	3						52	196
Tr-Tk semi-trailers											
3-axle	3	3	5	1	1					13	13
4-axle						2				2	2
5-axle or more				3	2	5	3	2	1	16	16
Subtotal	3	3	5	4	3	7	3	2	1	31	31
Tk-Trailer combinations											
4-axle or less	2	1	2							5	6
5-axle			2		1		3	1		7	7
6-axle or more			1		1	3	5			10	10
Subtotal	2	1	5		2	3	8	1		22	23
All combinations	5	4	10	4	5	10	11	3	1	53	54
All trucks and combs.	51	6	11	7	5	10	11	3	1	105	250

NC-3

State Montana Sta. No. Missoula
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-10PM
 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	27									27	307
Other 2-axle, 4-tired	2									2	5
Other 2-axle, 6-tired	107	3								110	178
3-axle	6	2	1	5	1					15	17
Subtotal	142	5	1	5	1					154	507
Tr-Trk semi-trailers											
3-axle	4	7	7	4	1					23	28
4-axle		2	1		1	5				9	10
5-axle or more				5	3	8	5	2	1	24	27
Subtotal	4	9	8	9	5	13	5	2	1	56	65
Tr-Trailer combinations											
4-axle or less	2	1	2							5	10
5-axle		1	2		1		4	2		10	11
6-axle or more			1		1	3	9	1		15	16
Subtotal	2	2	5		2	3	13	3		30	37
All combinations	6	11	13	9	7	16	18	5	1	86	102
All trucks and combs.	148	16	14	14	8	16	18	5	1	240	609

State Montana Sta. No. 10-Missoula
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-2 pm

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel and pick-ups	185	70.00	129	5443	30.00	56	3700
Other 2-axle, 4-tired	2	0.00			100.00	2	4000
Other 2-axle, 6-tired	115	81.08	93	12960	18.92	22	9100
3-axle	9	85.71	8	29500	14.29	1	16700
Subtotal	311	73.96	230	9319	26.04	81	5335
Truck semi-trailers							
3-axle	15	80.00	12	27250	20.00	3	16900
4-axle	8	57.14	5	52200	42.86	3	24100
5-axle or more	11	87.50	10	53557	12.50	1	30200
Subtotal	34	79.41	27	41614	20.59	7	21886
Truck-Trailer combinations							
2-axle or less	4	100.00	4	*21900	0.00		
3-axle	4	66.67	3	69500	33.33	1	20300
4-axle or more	6	100.00	6	68600	0.00		
Subtotal	14	92.86	13	54438	7.14	1	20300
All combinations	48	83.33	40	45782	16.67	8	21688
All trucks and combs.	359	75.21	270	14721	24.79	89	6805

*No vehicles of this type weighed. Average weight from 2 pm - 10 pm period.

State Montana Sta. No. 10-Missoula
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm-10 pm

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel and pick-ups	122	0.00			100.00	122	3957
Other 2-axle, 4-tired	3	100.00	3	6900	0.00		
Other 2-axle, 6-tired	63	66.67	42	12658	33.33	21	7392
3-axle	8	75.00	6	27600	25.00	2	19600
Subtotal	196	26.02	51	14077	73.98	145	4670
Truck semi-trailers							
3-axle	13	84.62	11	27482	15.38	2	15950
4-axle	2	100.00	2	55050	0.00		
5-axle or more	16	81.25	13	60462	18.75	3	35500
Subtotal	31	83.87	26	46093	16.13	5	27680
Truck-Trailer combinations							
2-axle or less	6	100.00	6	21900	0.00		
3-axle	7	71.43	5	64740	28.57	2	28150
4-axle or more	10	90.00	9	60356	10.00	1	28500
Subtotal	23	86.96	20	49915	13.04	3	28267
Truck combinations	54	85.19	46	47755	14.81	8	27900
All trucks and combs.	250	38.80	97	30048	61.20	153	5885

State Montana Sta. No. 11
 Year 1952 Direction Combined
 Season May

Number of Vehicles of Each Type Weighed and Number Counted
 During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Tues., May 29		Mon., May 28		Fri., May 23		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	19	62	13	60		10	132
Other 2-axle, 4-tired	3	13		7			20
Other 2-axle, 6-tired	18	25	26	36		4	65
3-axle	7	8	9	10			18
Subtotal	47	108	48	113		14	235
Tr-Tk semi-trailers							
3-axle	18	27	7	10		5	42
4-axle	7	14	4	6		5	25
5-axle or more	12	13	13	13		12	38
Subtotal	37	54	24	29		22	105
Tk-Trailer combinations							
4-axle or less	2	2	1	1		1	4
5-axle	14	14	7	7		9	30
6-axle or more	5	5	11	11		13	29
Subtotal	21	21	19	19		23	63
All combinations	58	75	43	48		45	168
All trucks and combs.	105	183	91	161		59	403
Passenger cars	xxx	489	xxx	566	xxx	93	1148
Busses	xxx	7	xxx	9	xxx	4	20
All vehicle types	xxx	679	xxx	736	xxx	156	1571

State Montana Sta. No. 11-Drummond
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-2 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	38							38	124
Other 2-axle, 4-tired	6							6	26
Other 2-axle, 6-tired	35	1						36	50
3-axle	19	2						21	24
Subtotal	98	3						101	224
Tr-Tk semi-trailers									
3-axle	46	4	3	1				54	81
4-axle	23	3	1	1				28	56
5-axle or more	59	1						60	65
Subtotal	128	8	4	2				142	202
Tk-Trailer combinations									
4-axle or less	5		2	1				8	8
5-axle	38	16	16					70	70
6-axle or more	29	1						30	30
Subtotal	72	17	18	1				108	108
All combinations	200	25	22	3				250	310
All trucks and combs.	298	28	22	3				351	534

State Montana Sta. No. 11-Drummond
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm-10 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	26							26	120
Other 2-axle, 4-tired									14
Other 2-axle, 6-tired	49	2		1				52	72
3-axle	24	3						27	30
Subtotal	99	5		1				105	236
Tr-Tk semi-trailers									
3-axle	14	3	1	3				21	30
4-axle	11	3	2					16	24
5-axle or more	60	4	1					65	65
Subtotal	85	10	4	3				102	119
Tk-Trailer combinations									
4-axle or less	4							4	4
5-axle	25	5	4	1				35	35
6-axle or more	61	5						66	66
Subtotal	90	10	4	1				105	105
All combinations	175	20	8	4				207	224
All trucks and combs.	274	25	8	5				312	460

State Montana Sta. No. 11-Drummond
 Year 1952 Direction Combined
 Season May 8-hr. period 6am-10pm
 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	64							64	244
Other 2-axle, 4-tired	6							6	40
Other 2-axle, 6-tired	84	3		1				88	122
3-axle	43	5						48	54
Subtotal	197	8		1				206	460
Tr-Tk semi-trailers									
3-axle	60	7	4	4				75	111
4-axle	34	6	3	1				44	80
5-axle or more	119	5	1					125	130
Subtotal	213	18	8	5				244	321
Tk-Trailer combinations									
4-axle or less	9		2	1				12	12
5-axle	63	21	20	1				105	105
6-axle or more	90	6						96	96
Subtotal	162	27	22	2				213	213
All combinations	375	45	30	7				457	534
All trucks and combs.	572	53	30	8				663	994

WC-3

State Montana Sta. No. Drummond
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	19									19	62
Other 2-axle, 4-tired	3									3	13
Other 2-axle, 6-tired	18									18	25
3-axle	3	2		2						7	8
Subtotal	43	2		2						47	108
Tr-Tk semi-trailers											
3-axle	8	4		4	2					18	27
4-axle	1	1	1	1	1	2				7	14
5-axle or more			2	3	4	3				12	13
Subtotal	9	5	3	8	7	5				37	54
Tk-Trailer combinations											
4-axle or less		1					1			2	2
5-axle			1	5				8		14	14
6-axle or more					1	1	2	1		5	5
Subtotal		1	1	5	1	1	3	9		21	21
All combinations	9	6	4	13	8	6	3	9		58	75
All trucks and combs.	52	8	4	15	8	6	3	9		105	183

State Montana Sta. No. Drummond
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
 and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	13									13	60
Other 2-axle, 4-tired											7
Other 2-axle, 6-tired	25	1								26	36
3-axle	4	2	1	2						9	10
Subtotal	42	3	1	2						48	113
Trk semi-trailers											
3-axle	1	1	1	2	2					7	10
4-axle		1			1	2				4	6
5-axle or more				5	2	3	3			13	13
Subtotal	1	2	1	7	5	5	3			24	29
Trk-Trailer combinations											
4-axle or less		1								1	1
5-axle			3	1				3		7	7
6-axle or more			1	1	3	2	4			11	11
Subtotal		1	4	2	3	2	4	3		19	19
Trk combinations	1	3	5	9	8	7	7	3		43	48
Trk trucks and combs.	43	6	6	11	8	7	7	3		91	161

11

State Montana Sta. No. Drummond
 Year 1952 Direction Combined
 Season May 8-hr. period 6AM-10PM
 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Vans and pick-ups	32									32	122
Other 2-axle, 4-tired	3									3	20
Other 2-axle, 6-tired	43	1								44	61
3-axle	7	4	1	4						16	18
Subtotal	85	5	1	4						95	221
Truck semi-trailers											
3-axle	9	5	1	6	4					25	37
4-axle	1	2	1	1	2	4				11	20
5-axle or more			2	8	6	6	3			25	26
Subtotal	10	7	4	15	12	10	3			61	83
Tractor-trailer combinations											
3-axle or less		2					1			3	3
4-axle			4	6				11		21	21
5-axle or more			1	1	4	3	6	1		16	16
Subtotal		2	5	7	4	3	7	12		40	40
All combinations	10	9	9	22	16	13	10	12		101	123
All trucks and combs.	95	14	10	26	16	13	10	12		196	344

State Montana Sta. No. 11-Drummond
 Year 1952 Direction Combined
 Season May 8-hr. period 6am-2pm

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	62	52.63	33	5600	47.37	29	4467
Other 2-axle, 4-tired	13	66.67	9	6550	33.33	4	5400
Other 2-axle, 6-tired	25	61.11	15	11336	38.89	10	8557
3-axle	8	71.43	6	26060	28.57	2	15350
Subtotal	108	58.33	63	9050	41.67	45	5943
2-Tk semi-trailers							
3-axle	27	72.22	19	27008	27.78	8	18500
4-axle	14	71.43	10	42220	28.57	4	20600
5-axle or more	13	58.33	8	51743	41.67	5	32020
Subtotal	54	68.52	37	36467	31.48	17	22971
Trailer combinations							
2-axle or less	2	50.00	1	62300	50.00	1	21400
3-axle	14	57.14	8	72725	42.86	6	30817
4-axle or more	5	100.00	5	61420	0.00		
Subtotal	21	66.67	14	67943	33.33	7	29472
All combinations	75	72.00	51	45107	28.00	24	24867
All trucks and combs.	183	63.93	114	25181	36.07	69	12525

State Montana Sta. No. 11-Drummond
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm-10 pm

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panel and pick-ups	60	23.08	14	4467	76.92	46	4150
Other 2-axle, 4-tired	7	*66.67	5	*6550	33.33	2	*5400
Other 2-axle, 6-tired	36	76.92	28	11890	23.08	8	9800
3-axle	10	44.44	4	28525	55.56	6	17140
Subtotal	113	45.13	51	10634	54.87	62	6176
Truck semi-trailers							
3-axle	10	85.71	9	33483	14.29	1	17000
4-axle	6	75.00	5	51067	25.00	1	21000
5-axle or more	13	61.54	8	54788	38.46	5	32620
Subtotal	29	75.86	22	45227	24.14	7	28729
Trailer combinations							
2-axle or less	1	0.00			100.00	1	25100
3-axle	7	52.86	3	72800	57.14	4	29500
4-axle or more	11	81.82	9	57289	18.18	2	28800
Subtotal	19	63.16	12	61167	36.84	7	28671
All combinations	48	70.83	34	50853	27.08	14	28700
All trucks and combs.	161	52.80	85	26722	46.58	76	10325

*No vehicles of this type weighed. Average weight and percentage from 6am to 2 pm period.

State Montana Sta. No. All Stations
 Year 1952 Direction Combined
 Season May 8-hr. period 6am-2pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	616							616	2492
Other 2-axle, 4-tired	58							58	148
Other 2-axle, 6-tired	1041	35	34	12				1122	1748
3-axle	117	35	1	3				156	234
Subtotal	1832	70	35	15				1952	4622
Tr-Tk semi-trailers									
3-axle	281	20	9	2				312	468
4-axle	209	22	20	8	1			260	348
5-axle or more	364	31	7					402	460
Subtotal	854	73	36	10	1			974	1276
Tk-Trailer combinations									
4-axle or less	118	4	20	4	1			147	219
5-axle	195	100	97	3				395	445
6-axle or more	179	11	2					192	210
Subtotal	492	115	119	7	1			734	874
All combinations	1346	118	155	17	2			1708	2150
All trucks and combs.	3178	258	190	32	2			3660	6772

State Montana Sta. No. All Stations
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm-10 pm

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	620							620	2510
Other 2-axle, 4-tired	66							66	104
Other 2-axle, 6-tired	789	22	12	10	1			834	1308
3-axle	125	18		1				144	177
Subtotal	1600	40	12	11	1			1664	4099
Tr-Tk semi-trailers									
3-axle	260	20	8	5	4			297	378
4-axle	172	38	19	7				236	316
5-axle or more	411	42	14	2	3	2	1	475	525
Subtotal	843	100	41	14	7	2	1	1008	1219
Tk-Trailer combinations									
4-axle or less	93	2	7	1				103	169
5-axle	244	73	58	5				380	460
6-axle or more	255	16	5					276	288
Subtotal	592	91	70	6				759	917
All combinations	1435	191	111	20	7	2	1	1767	2136
All trucks and combs.	3035	231	123	31	8	2	1	3431	6235

WC-2

State Montana Sta. No. 1 & 7
 Year 1952 Direction Combined
 Season May 8-hr. period 10 pm-6 am

Number of Axle Loads of Various Magnitudes of Loaded and Empty
 Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Pans and pick-ups	24							24	74
Other 2-axle, 4-tired									2
Other 2-axle, 6-tired	24							24	36
3-axle	3							3	3
Subtotal	51							51	115
Tr-Tk semi-trailers									
3-axle	18							18	18
4-axle	14	1	1					16	20
5-axle or more	58	5	2					65	65
Subtotal	90	6	3					99	103
Tk-Trailer combinations									
4-axle or less	1	2	1					4	4
5-axle	21	17	17					55	55
6-axle or more	27	3						30	30
Subtotal	49	22	18					88	89
All combinations	139	28	21					188	192
All trucks and combs.	190	28	21					239	307

All
Stations
Combined
6AM-2PM

State Montana Sta. No.
 Year 1952 Direction
 Season May 8-hr. period

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	308									308	1246
Other 2-axle, 4-tired	29									29	74
Other 2-axle, 6-tired	504	56	1							561	874
3-axle	15	7	3	25	2					52	78
Subtotal	856	63	4	25	2					950	2272
Tr-Tk semi-trailers											
3-axle	39	20	13	30	2					104	156
4-axle	3	12	11	10	13	15	1			65	87
5-axle or more		2	7	16	24	18	13			80	92
Subtotal	42	34	31	56	39	33	14			249	335
Tk-Trailer combinations											
4-axle or less	12	13	3	2	1		9			40	58
5-axle		2	14	10		1	10	42		79	89
6-axle or more			1	4	1	9	12	4	1	32	35
Subtotal	12	15	18	16	2	10	31	46	1	151	182
All combinations	54	49	49	72	41	43	45	46	1	400	517
All trucks and combs.	910	112	53	97	43	43	45	46	1	1350	2789

WC-3

All
Stations

State Montana Sta. No.
 Year 1952 Direction Combined
 Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	310									310	1255
Other 2-axle, 4-tired	33									33	52
Other 2-axle, 6-tired	380	32	5							417	654
3-axle	17	8	8	15						48	59
Subtotal	740	40	13	15						808	2020
Tr-Tk semi-trailers											
3-axle	40	12	19	19	8			1		99	126
4-axle	5	8	4	11	10	21				59	79
5-axle or more			8	23	10	32	14	6	2	95	105
Subtotal	45	20	31	53	28	53	14	7	2	253	310
Tk-Trailer combinations											
4-axle or less	11	6	7	1		1	2			28	43
5-axle		1	14	22	3		5	31		76	92
6-axle or more			5	5	5	9	18	4		46	48
Subtotal	11	7	26	28	8	10	25	35		150	183
All combinations	56	27	57	81	36	63	39	42	2	403	493
All trucks and combs.	796	67	70	96	36	63	39	42	2	1211	2513

WC-3

State Montana Sta. No. 1 & 7
 Year 1952 Direction Combined
 Season May 8-hr. period 10PM-6AM

**Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks
and Truck Combinations of Each Type Weighed**

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 24.9	25.0 29.9	30.0 39.9	40.0 49.9	50.0 59.9	60.0 69.9	70.0 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	12									12 ³	37 ²⁷⁰
Other 2-axle, 4-tired											1
Other 2-axle, 6-tired	12									12	18
3-axle	1									1	1
Subtotal	25									25	57
Tr-Tk semi-trailers											
3-axle	3	2	1							6	6
4-axle			1	1	2					4	5
5-axle or more				6	1	3	2	1		13	13
Subtotal	3	2	2	7	3	3	2	1		23	24
Tk-Trailer combinations											
4-axle or less						1				1	1
5-axle				2		1	7	1		11	11
6-axle or more				1		2	1	1		5	5
Subtotal				3		4	8	2		17	17
All combinations	3	2	2	10	3	7	10	3		40	41
All trucks and combs.	28	2	2	10	3	7	10	3		65	98

State Montana Sta. No. All Stations
 Year 1952 Direction Combined
 Season May 8-hr. period 6 am-2 pm

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight.
Single-unit trucks							
Panels and pick-ups	1246	31.49	392	5288	68.51	854	3976
Other 2-axle, 4-tired	74	58.62	43	7594	41.38	31	5008
Other 2-axle, 6-tired	874	74.15	648	14462	25.85	226	8215
3-axle	78	80.77	63	31331	19.23	15	14220
Subtotal	2272	50.44	1146	11994	49.56	1126	4868
Tr-Tk semi-trailers							
3-axle	156	70.19	109	27375	29.81	47	16900
4-axle	87	70.77	62	44096	29.23	25	23247
5-axle or more	92	72.50	67	51538	27.50	25	33920
Subtotal	335	71.04	238	38533	28.96	97	22922
Tk-Trailer combinations							
4-axle or less	58	75.00	44	34137	25.00	14	21620
5-axle	89	67.09	60	72270	32.91	29	29185
6-axle or more	35	84.38	30	62904	15.62	5	34920
Subtotal	182	73.63	134	57652	26.37	48	27576
All combinations	517	71.95	372	45420	28.05	145	24463
All trucks and combs.	2789	54.43	1518	20148	45.57	1271	7103

State Montana Sta. No. All Stations
 Year 1952 Direction Combined
 Season May 8-hr. period 2 pm-10 pm

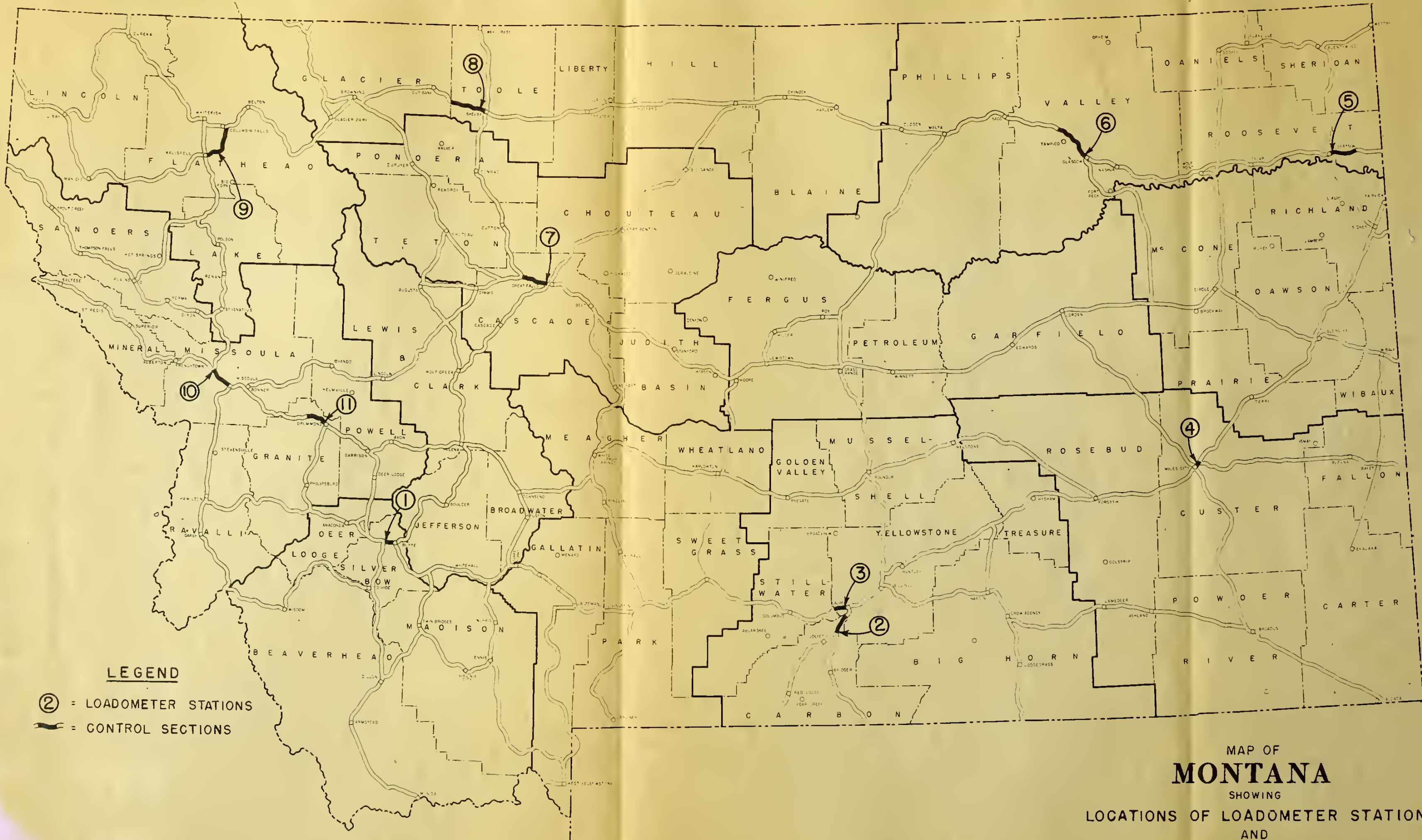
Number of Vehicles Counted, Percentage and Number Loaded, Percentage
 and Number Empty, Average Loaded Weight and Average Empty
 Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	1255	24.52	308	4911	75.48	947	4016
Other 2-axle, 4-tired	52	48.48	25	7219	51.52	27	5829
Other 2-axle, 6-tired	654	60.67	397	14199	39.33	257	7807
3-axle	59	68.75	41	28667	31.25	18	15387
Subtotal	2020	46.78	771	11032	53.22	1249	4999
Tr-Tk semi-trailers							
3-axle	126	65.66	83	29211	34.34	43	18565
4-axle	79	79.66	63	43536	20.34	16	24033
5-axle or more	105	72.63	76	56176	27.37	29	32712
Subtotal	310	71.54	222	42507	28.46	88	24221
Tk-Trailer combinations							
4-axle or less	43	50.00	22	29178	50.00	21	20257
5-axle	92	52.63	48	69255	47.37	44	29800
6-axle or more	48	78.26	38	60906	21.74	10	30410
Subtotal	183	59.02	108	58154	40.98	75	27209
All combinations	493	66.94	330	47628	33.06	163	25596
All trucks and combs.	2513	43.81	1101	22001	56.19	1412	7377

Number of Vehicles Counted, Percentage and Number Loaded, Percentage
and Number Empty, Average Loaded Weight and Average Empty
Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percent- age loaded	Estimated number loaded	Average loaded weight	Percent- age empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	37	16.67	6	5450	83.33	31	3620
Other 2-axle, 4-tired	1				100.00	1	*6000
Other 2-axle, 6-tired	18	25.00	4	9700	75.00	14	9167
3-axle	1	100.00	1	16800	0.00		
Subtotal	57	19.30	11	8027	80.70	46	5360
Tr-Tk semi-trailers							
3-axle	6	33.33	2	26250	66.67	4	18300
4-axle	5	75.00	4	44600	25.00	1	29200
5-axle or more	13	69.23	9	53000	30.77	4	33400
Subtotal	24	62.50	15	47193	37.50	9	26222
Tk-Trailer combinations							
4-axle or less	1	100.00	1	55600	0.00		
5-axle	11	81.82	9	72889	18.18	2	32500
6-axle or more	5	80.00	4	61500	20.00	1	33200
Subtotal	17	82.35	14	68400	17.65	3	32733
All combinations	41	70.73	29	57431	29.27	12	27850
All trucks and combs.	98	40.82	40	43845	59.18	58	10013

*No vehicles of this type weighed. Average weight from Sta. 7, 2 pm to 10 pm.



LEGEND

- ② = LOADOMETER STATIONS
- = CONTROL SECTIONS

MAP OF
MONTANA
SHOWING
LOCATIONS OF LOADOMETER STATIONS
AND
CORRESPONDING CONTROL SECTIONS
PREPARED BY
STATE HIGHWAY PLANNING SURVEY
IN COOPERATION WITH
U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

